

monitoring the future occasional paper series

Paper 80

DEMOGRAPHIC SUBGROUP TRENDS AMONG YOUNG ADULTS IN THE USE OF THE VARIOUS LICIT AND ILLICIT DRUGS 1988–2013

Lloyd D. Johnston Patrick M. O'Malley Jerald G. Bachman John E. Schulenberg Richard A. Miech

Institute for Social Research
The University of Michigan
Ann Arbor, Michigan

Monitoring the Future: A Continuing Study of the Lifestyles and Values of Youth

As its title suggests, this study is intended to assess the changing lifestyles, values, and preferences of American youth on a continuing basis. Each year since 1975, about 17,000 seniors have participated in the annual survey, which is conducted in some 130 high schools nationwide. Since 1991, the study's annual surveys also have included surveys of similar nationally representative samples of eighth and tenth grade students. In addition, subsamples of seniors from previously participating classes receive follow-up questionnaires by mail each year.

This Occasional Paper Series is intended to disseminate a variety of products from the study, including pre-publication (and somewhat more detailed) versions of journal articles, other substantive articles, and methodological papers.

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Acknowledgments

This publication was written by the principal investigators and staff of the Monitoring the Future project at the Institute for Social Research, the University of Michigan, under Research Grants No. R01DA001411 and No. R01DA016575 from the National Institute on Drug Abuse. The content of this occasional paper is solely the responsibility of the authors and does not necessarily represent the official views of the National Institute on Drug Abuse or the National Institutes of Health.

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Recommended Citation

Johnston, L.D., O'Malley, P.M., Bachman, J.G., Schulenberg, J.E., & Miech, R.A. (2014). *Demographic subgroup trends among adults in the use of the various licit and illicit drugs,* 1988–2013 (Monitoring the Future Occasional Paper 80). Ann Arbor, MI: Institute for Social Research. Available at monitoringthefuture.org/pubs/occpapers/mtf-occ80.pdf.

DEMOGRAPHIC SUBGROUP TRENDS AMONG YOUNG ADULTS IN THE USE OF THE VARIOUS LICIT AND ILLICIT DRUGS 1988-2013

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INTRODUCTION

This occasional paper presents subgroup findings from the Monitoring the Future (MTF) study on levels of and trends in the use of a number of substances for nationally representative samples of high school graduates ages 19–30. The data have been gathered in a series of follow-up surveys of representative subsamples of high school seniors who were first surveyed in 12th grade as part of the MTF study. Therefore, the universe being described omits people who did not complete high school—between 9–15% of each age group, with the most recent class cohorts closer to the bottom of that range. Surveys of the graduating cohorts of high school seniors started in 1976 and have continued with each graduating class since. Data were first available for the 19–22 age group in 1980 and for the older age groups in subsequent years, as the tables and figures in this occasional paper indicate.

The general epidemiological findings from these samples are contained in *Volume II* of the annual monograph series.² The subgroup trends shown in the current occasional paper complement the last section of Chapter 5 (Trends in Drug Use in Early and Middle Adulthood) of that monograph by presenting the trend data for young adult subgroups in both graphic and tabular form. The results are described and discussed in Chapter 5, but the extensive set of tables and figures is provided here for the reader who wishes to view the figures and the underlying numerical values.

Three demographic dimensions are differentiated: gender, region of the country, and population density. Gender includes trends for males and females, region describes trends for each of the four major regions defined by the U.S. Census,³ and population density differentiates trends for five levels of urbanicity.⁴

The Table of Contents and List of Figures are actively linked to the content and figures in this occasional paper. You may click on the subgroup dimension of interest under each drug class and you will be taken directly to the relevant page. Following each figure is a table giving the numerical values associated with each trend line in that figure.

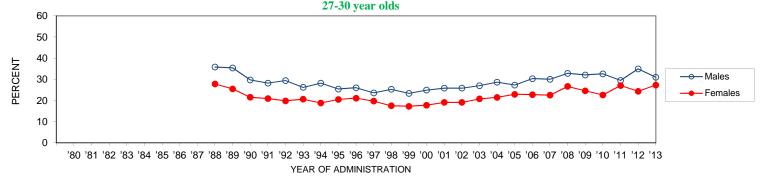
¹ U.S. Census Bureau. (various years). Current population reports, Series P-20, [various numbers]. Washington, DC: U.S. Government Printing Office. Available at http://www.census.gov/cps/data/cpstablecreator.html

² Johnston, L.D., O'Malley, P.M., Bachman, J.G., Schulenberg, J.E., & Miech, R.A. (2014). *Monitoring the Future national survey results on drug use, 1975-2013. Volume II: College students and adults ages 19-55.* Ann Arbor: Institute for Social Research, The University of Michigan. Available at http://monitoringthefuture.org/pubs/monographs/mtf-vol2_2013.pdf.

³ Beginning in 1987, a question about state of residence was added to all follow-up questionnaires, permitting trend data to be calculated for the four regions of the country since then. The four regions are: Northeast, Midwest, South, and West.

⁴ Based on the respondent's answer to the question, "During March of this year did you live mostly..."; five levels of population density are distinguished:in a very large city (over 500,000 people); in a large city (100,000 to 500,000); in a medium-sized city (50,000 to 100,000); in a small city or town (under 50,000); and on a farm/in the country." Data on the suburbs of cities of each size were combined with the corresponding city.

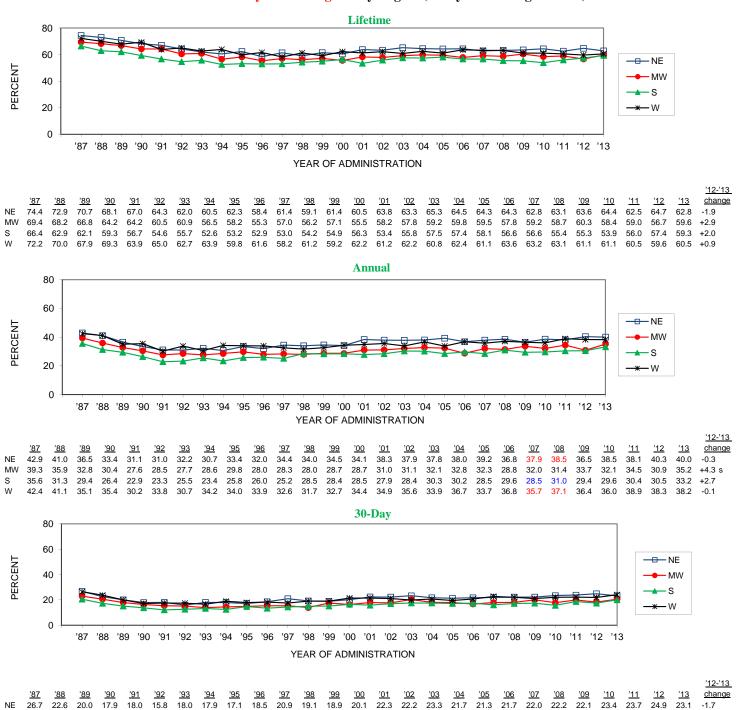




111 '13 change '80 '88 '89 '90 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 10 '12 $\overline{35.4} \quad \overline{29.7} \quad \overline{28.2} \quad \overline{29.4} \quad \overline{26.2} \quad \overline{28.2} \quad \overline{25.4} \quad \overline{26.0} \quad \overline{23.6} \quad \overline{25.3} \quad \overline{23.4} \quad \overline{24.9} \quad \overline{25.8} \quad \overline{25.8} \quad \overline{27.0} \quad \overline{28.7} \quad \overline{27.3} \quad \overline{30.3} \quad \overline{30.0} \quad \overline{32.8} \quad \overline{32.1} \quad \overline{32.6} \quad \overline{29.5} \quad \overline{34.9} \quad \overline{34.9} \quad \overline{32.1} \quad \overline{32.6} \quad \overline{29.5} \quad \overline{34.9} \quad \overline{32.1} \quad \overline{32.6} \quad \overline{32.9} \quad \overline{32.1} \quad \overline{32.6} \quad \overline{32$ Females 27.8 25.5 21.5 20.9 19.8 20.6 18.8 20.5 21.1 19.7 17.5 17.2 17.7 19.1 19.1 20.8 21.5 22.9 22.8 22.5 26.6 24.6 22.6 27.1 24.4 27.3 +3.0

'12-'13

Trends in Any Illicit Drug Use by Region (1-10 yrs. Past High School)



17.6

17.0

20.2 18.0 17.8 16.7

17.5 17.5 17.1 17.3 16.0 17.1 17.4 15.7 18.6

17.8 17.9

20.0 17.8

18.2

+2.3

22.9

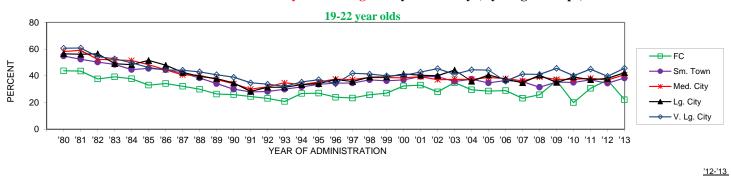
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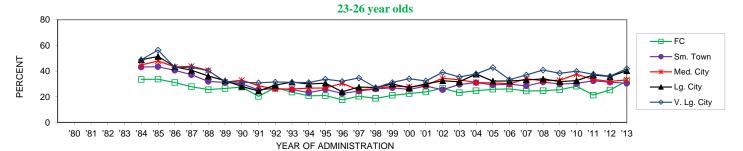
15.1 13.7

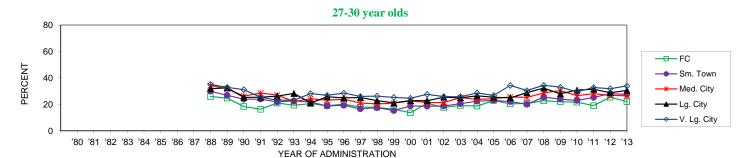
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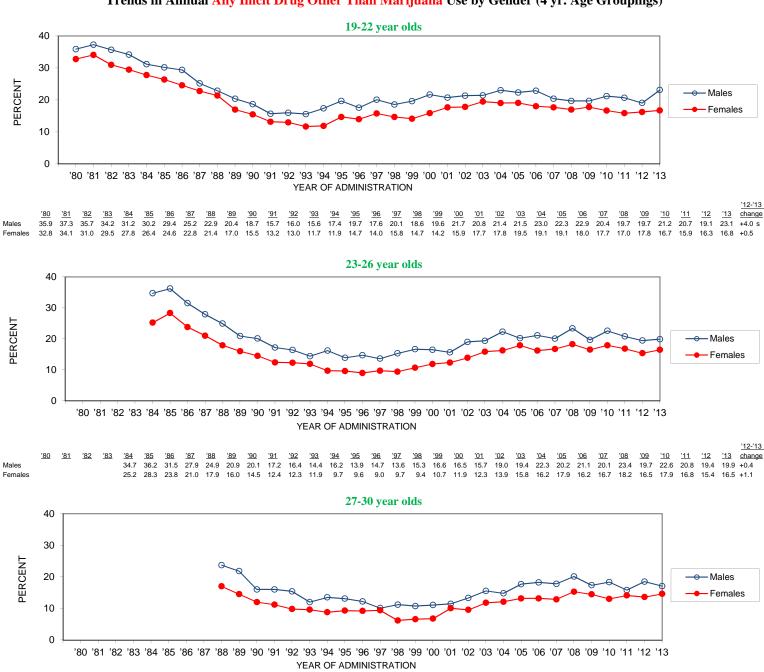
Trends in Annual Any Illicit Drug Use by Urbanicity (4 yr. Age Groups)



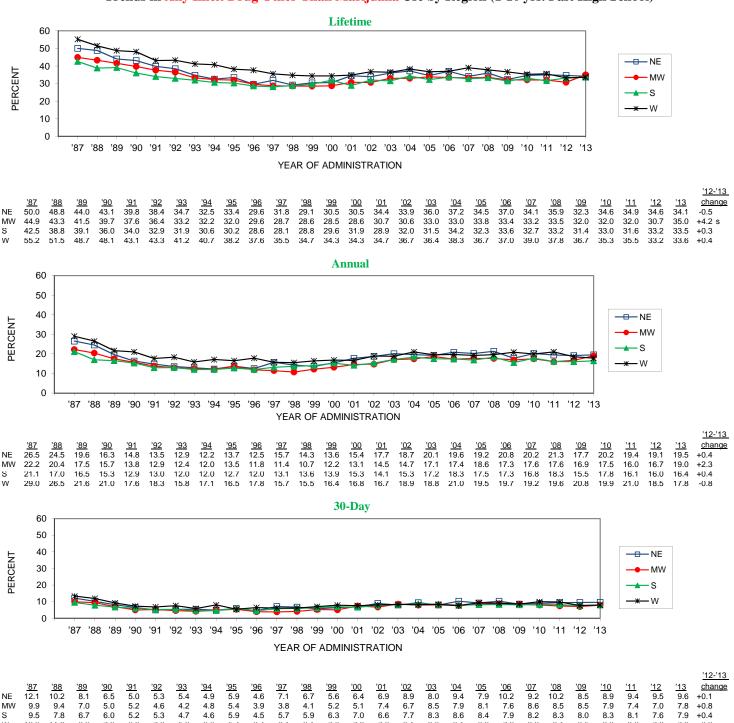




Trends in Annual Any Illicit Drug Other Than Marijuana Use by Gender (4 yr. Age Groupings)



Trends in Any Illicit Drug Other Than Marijuana Use by Region (1-10 yrs. Past High School)



6.7 7.7

8.5 8.3

5.1 7.0

7.8

8.1 8.4 7.6 7.9 8.6 8.2

8.6

8.5 8.0

+0.8

+0.4

8.5 8.3

9.9 9.5

13.3

9.4 7.8

MW S

7.0 6.7

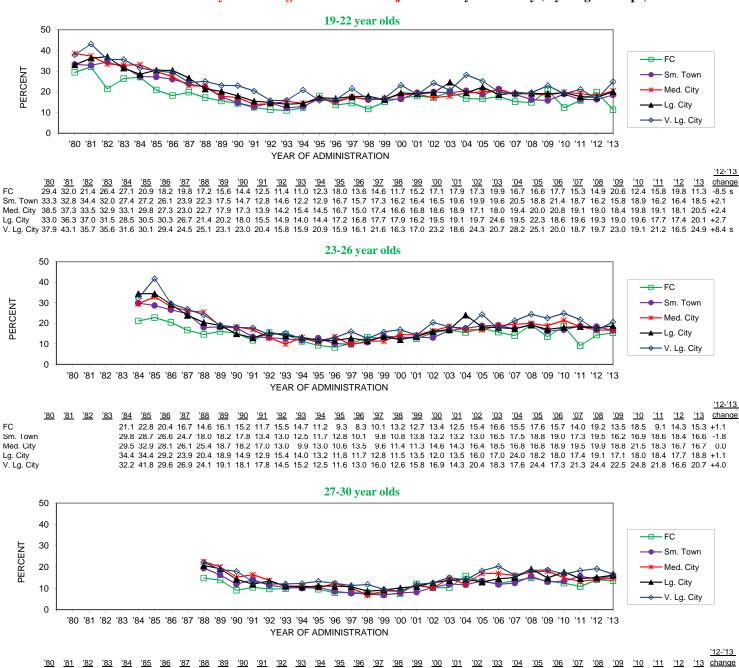
5.0

6.0

5.4 5.9 3.9 4.5 3.8 5.7

4.6

Trends in Annual Any Illicit Drug Other Than Marijuana Use by Urbanicity (4 yr. Age Groups)



8.1 7.1 7.3 6.9

8.8

20.7 19.2 14.2 12.0 13.4 11.2 10.6 11.1 11.0 10.8 8.6 9.3 10.2 11.0 12.7 13.7 14.3 12.9 14.5 15.1 19.1 14.8 17.7 14.6 15.1 16.2 +1.1

22.3 18.8 18.0 13.1 12.0 12.1 12.3 13.3 12.4 11.3 11.8 9.5 8.6 11.8 12.6 15.0 13.9 18.2 20.3 16.1 18.4 18.7 16.8 18.3 19.2 16.7 -2.5

7.5 12.1 10.2 10.4 15.8 13.1 12.3 13.7 15.0 13.3 12.5 10.9 14.1 13.6 -0.5 7.9 8.3 10.4 12.0 11.7 13.5 11.9 12.5 15.6 13.1 13.3 15.7 14.4 15.7 +1.3

8.6 11.3 10.2 14.7 11.9 17.1 17.0 16.0 17.6 18.1 14.9 13.3 14.2 14.7 +0.6

14.8 13.9 9.1 10.5 9.7 9.8 10.9 9.6 7.9 8.2 8.1 19.5 16.3 11.9 14.1 11.4 10.4 10.1 10.5 8.6 7.7 7.3

22.5 20.1 15.2 16.4 13.7 10.8 11.2 10.3 12.3 10.2 6.8

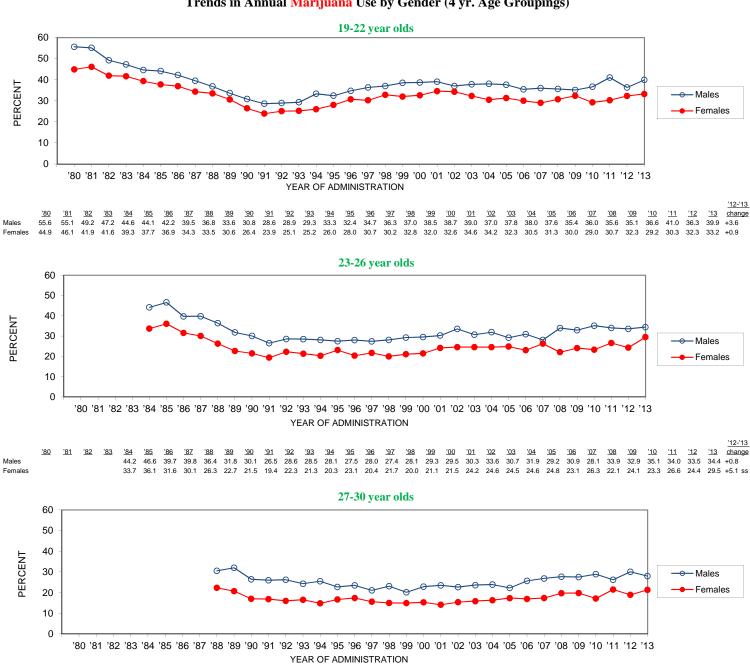
FC Sm. Town

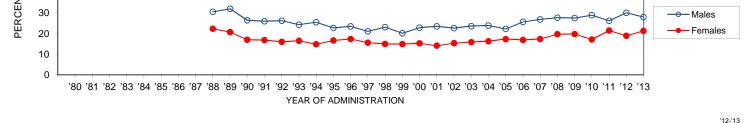
Med. City

V. Lg. City

Lg. City

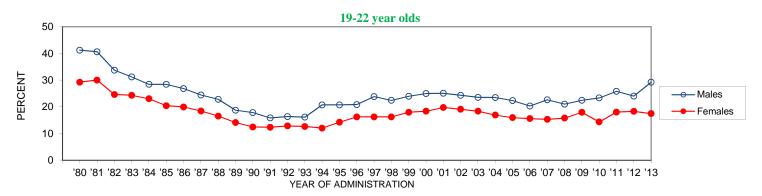
Trends in Annual Marijuana Use by Gender (4 yr. Age Groupings)



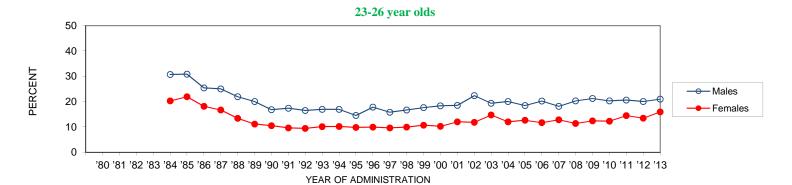


'98 30.5 32.0 26.4 26.0 26.2 24.3 25.5 22.7 23.5 21.1 23.1 20.2 22.9 23.5 22.6 23.6 23.9 22.2 25.7 26.9 27.7 27.5 28.9 26.2 30.1 28.0 2-1.1 22.3 20.7 17.0 16.8 16.0 16.5 14.8 16.7 17.4 15.6 15.0 14.9 15.3 14.1 15.3 15.9 16.3 17.3 16.9 17.4 19.7 19.7 17.1 21.5 18.9 21.3 +2.4 Males Females

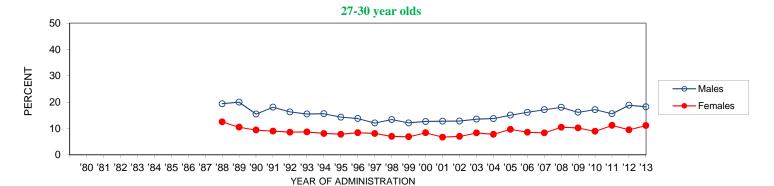
Trends in 30-Day Marijuana Use by Gender (4 yr. Age Groupings)



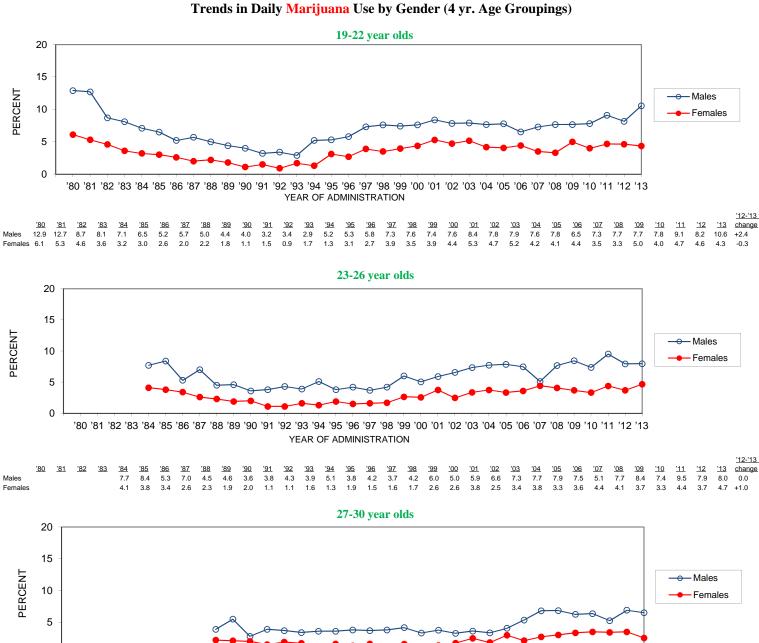
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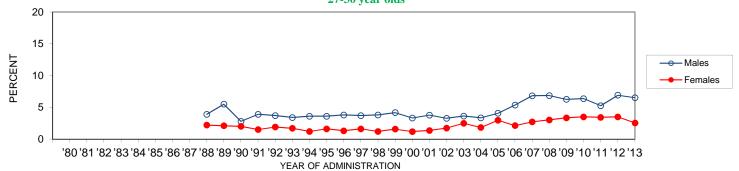


| 12-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-1



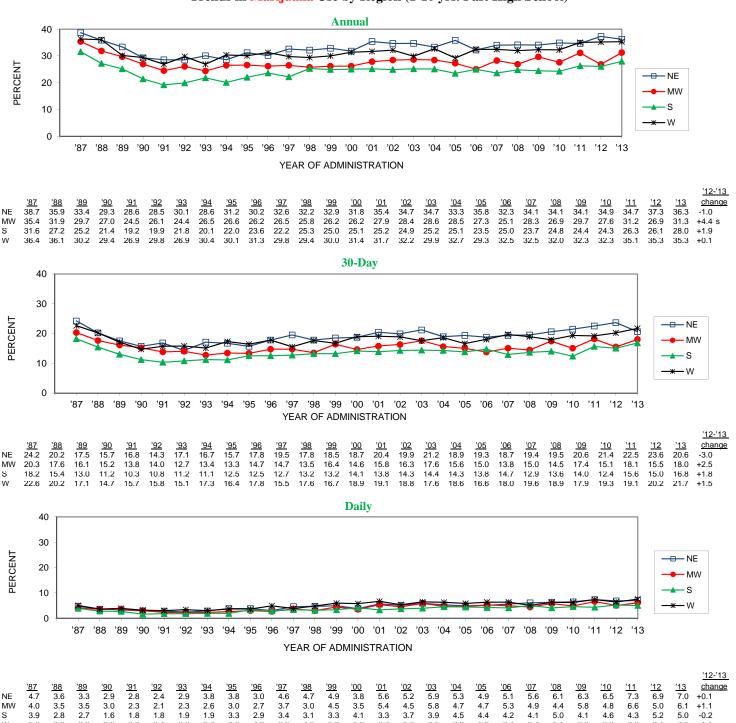
'12-'13 '13 change <u>'81 '82 '83 '84 '85 '86 '87 '88 '89</u> '99 '00 '01 '02 '03 '04 '05 '06 '11 '12 '90 '91 '92 '93 '94 '95 '96 '97 '98 '09 Males 19.4 20.0 15.5 18.1 16.3 15.5 15.6 14.3 13.8 12.1 13.4 12.1 12.7 12.8 12.8 13.6 13.8 15.1 16.1 17.1 18.1 16.2 17.2 15.6 18.8 18.2 -0.6 7.8 8.1 7.0 Females





<u>'92</u> 3.7 <u>'93</u> 3.4 <u>'94</u> 3.6 <u>'95</u> 3.6 <u>'96</u> 3.8 <u>'97</u> 3.7 <u>'00</u> 3.3 1.2 <u>'04</u> 3.3 <u>'05</u> 4.1 <u>'06</u> 5.4 <u>'07</u> 6.8 <u>'12</u> 6.9 '80 '81 '87 '08 '09 '10 '11 '13 change 2.8 3.8 4.2 3.8 3.6 6.8 6.4 6.5 Males 5.5 3.9 3.3 6.3 5.3 -0.4

Trends in Marijuana Use by Region (1-10 yrs. Past High School)



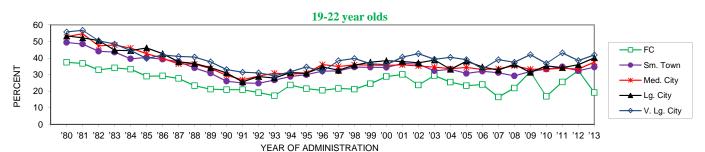
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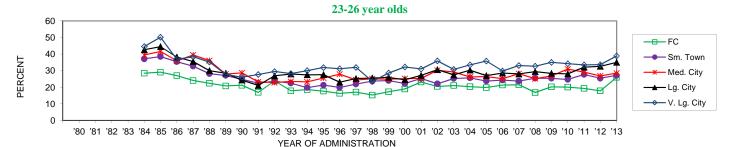
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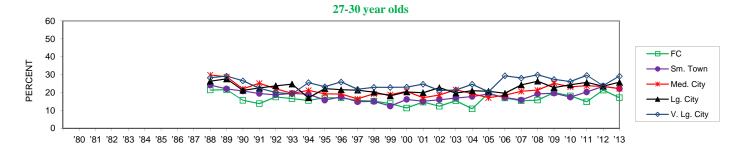
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Trends in Annual Marijuana Use by Urbanicity (4 yr. Age Groups)





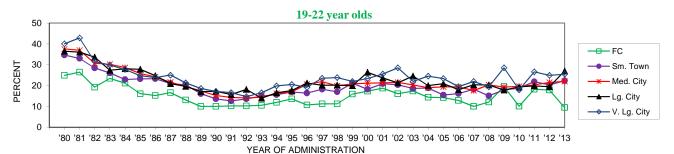
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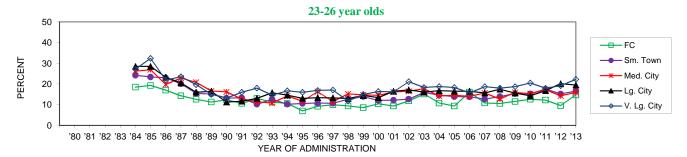


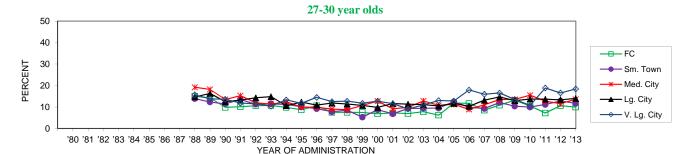
YEAR OF ADMINISTRATION

FC Sm. Town Med. City Lg. City

Trends in Thirty-Day Marijuana Use by Urbanicity (4 yr. Age Groups)

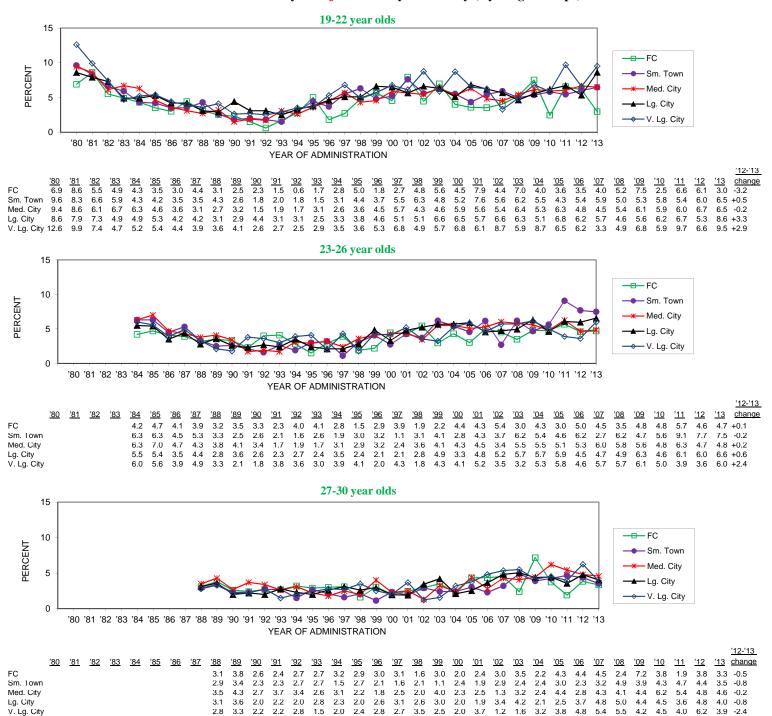




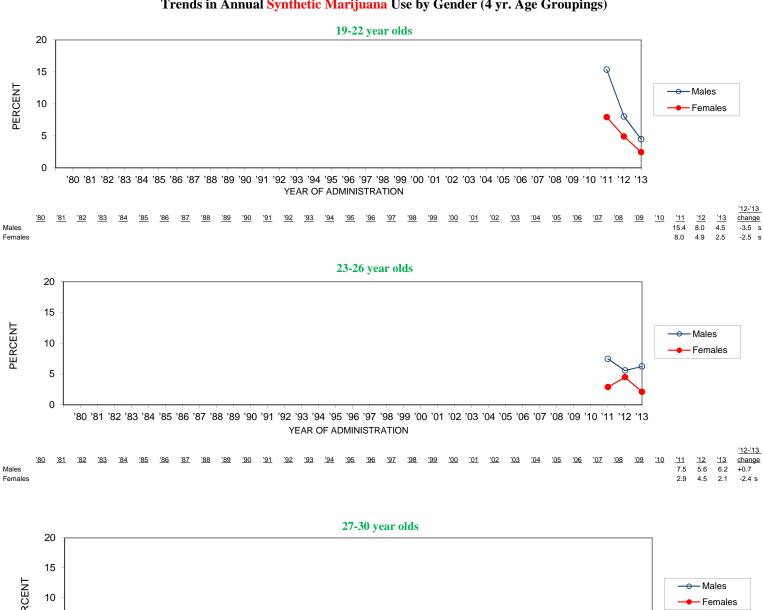


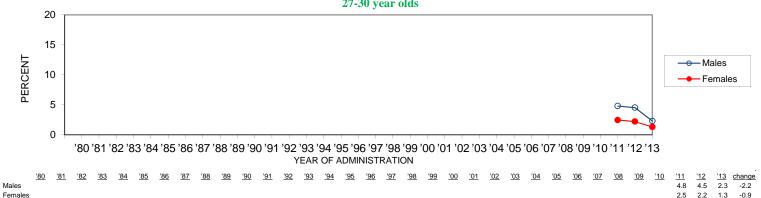
'12-'13 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 '13 change FC Sm. Town 7.5 7.5 7.5 6.9 7.2 7.8 8.5 5.3 8.7 6.8 6.9 7.8 9.3 9.4 6.2 11.8 11.7 8.6 10.8 13.1 10.5 7.2 10.6 10.0 -0.6 9.5 12.4 9.9 9.3 12.1 10.4 10.0 11.2 12.8 11.7 -1.1 15.0 14.2 9.8 10.1 10.6 10.7 9.8 8.7 10.6 7.2 6.9 13.9 12.3 11.5 13.5 11.3 11.5 11.2 10.1 9.2 9.0 Med. City 9.9 8.7 10.7 12.7 9.1 9.8 12.8 10.8 11.2 8.9 11.0 13.5 13.5 15.5 12.7 11.5 13.6 +2.1 Lg. City $14.7 \ 16.3 \ 12.5 \ 13.2 \ 14.3 \ 14.8 \ 10.6 \ 12.3 \ 10.9 \ 11.8 \ 11.4 \ 10.7 \ 9.8 \ 11.6 \ 11.4 \ 11.1 \ 10.5 \ 11.7 \ 10.3 \ 13.2 \ 14.7 \ 13.0 \ 13.7 \ 13.6 \ 13.3 \ 14.0 \ +0.7 \ 13.0 \ 13.7 \ 13.0 \ 13.7 \ 13.0 \ 13.7 \ 13.0 \ 13.7 \ 13.0 \ 13.7 \ 13.0 \ 13.7 \ 13.0 \ 13.7 \ 13.0 \ 1$ V. Lg. City 15.7 13.8 13.6 11.8 11.5 10.4 13.3 11.7 14.5 12.5 12.7 11.7 12.7 11.5 9.1 10.9 13.0 12.8 17.9 15.9 16.5 13.5 10.7 18.9 16.5 18.4 +1.9

Trends in Daily Marijuana Use by Urbanicity (4 yr. Age Groups)

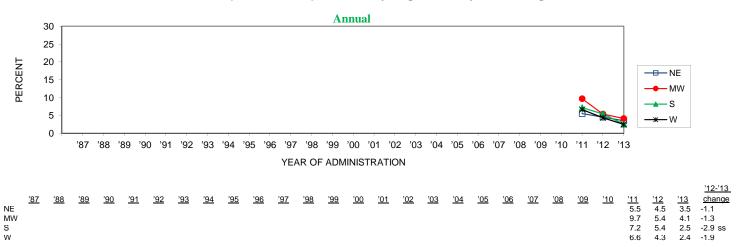


Trends in Annual Synthetic Marijuana Use by Gender (4 yr. Age Groupings)

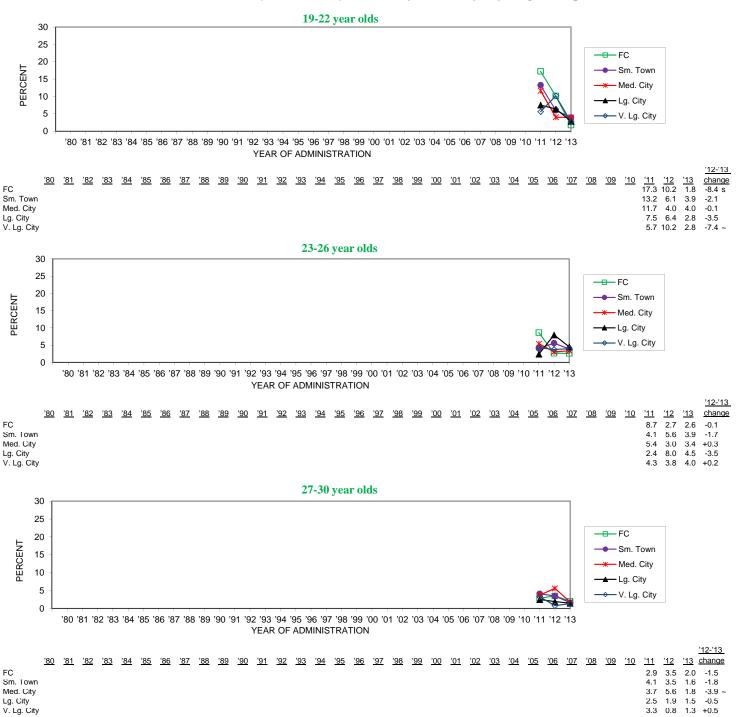


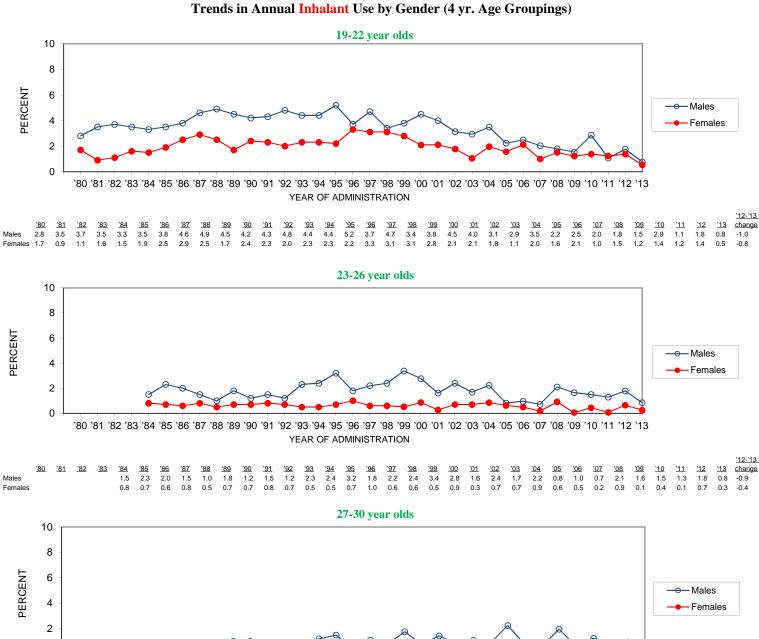


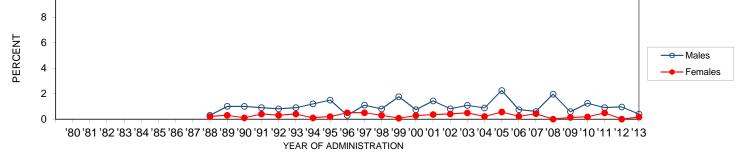
Trends in Synthetic Marijuana Use by Region (1-10 yrs. Past High School)



Trends in Annual Synthetic Marijuana Use by Urbanicity (4 yr. Age Groups)

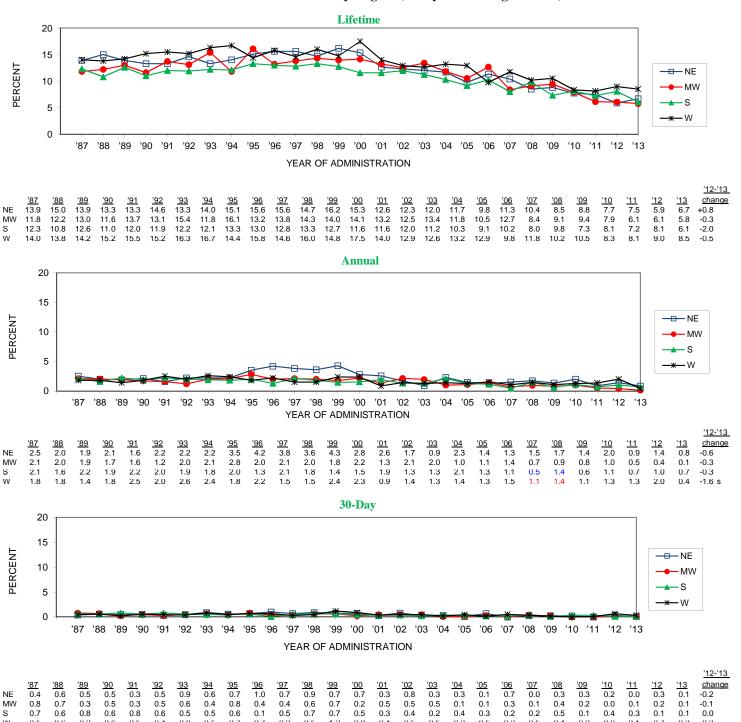






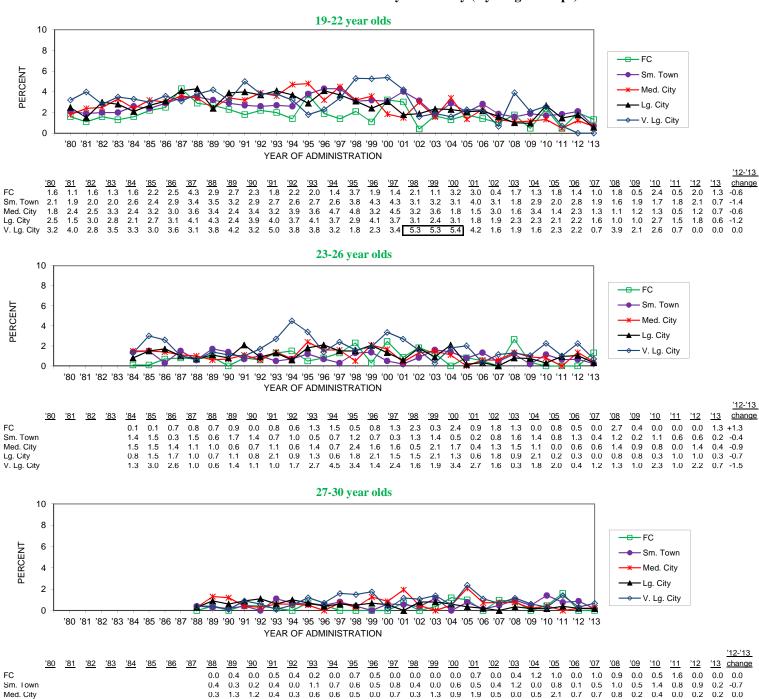
<u>'88</u> 0.3 <u>'89</u> 1.0 <u>'93</u> 0.9 <u>'94</u> 1.2 <u>'95</u> 1.5 <u>'96</u> 0.3 <u>'97</u> 1.1 <u>'00</u> 0.7 <u>'01</u> 1.4 <u>'02</u> 0.8 <u>'03</u> 1.1 <u>'04</u> 0.9 <u>'05</u> 2.3 <u>'06</u> 0.7 <u>'07</u> 0.6 <u>'10</u> 1.2 <u>'12</u> 1.0 '80 '81 '87 '90 '91 '92 '98 '99 '08 '09 '11 '13 change 0.8 0.8 1.8 2.0 0.9 0.4 Males 1.0 0.9 0.6 -0.6 0.5 0.3 0.1

Trends in Inhalant Use by Region (1-10 yrs. Past High School)



0.6

Trends in Annual Inhalant Use by Urbanicity (4 yr. Age Groups)



1.3

1.8 0.2 1.1

0.2

0.0

0.3

1.0 0.7 0.4 0.6 0.5 0.7 0.5 0.0 0.8 0.8 0.6 0.4

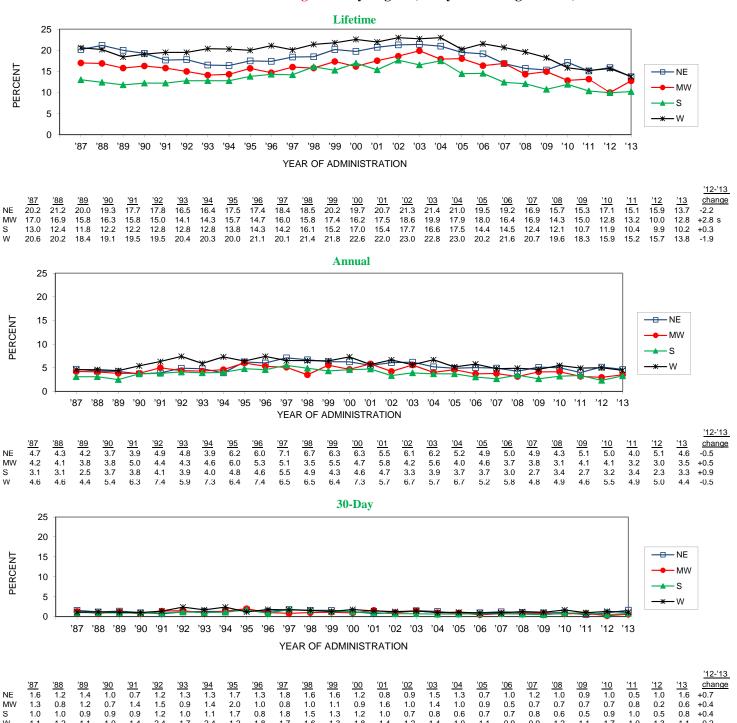
0.1 0.5 1.2 0.7 1.6

0.6

Lg. City

V. Lg. City

Trends in Hallucinogen Use by Region (1-10 yrs. Past High School)

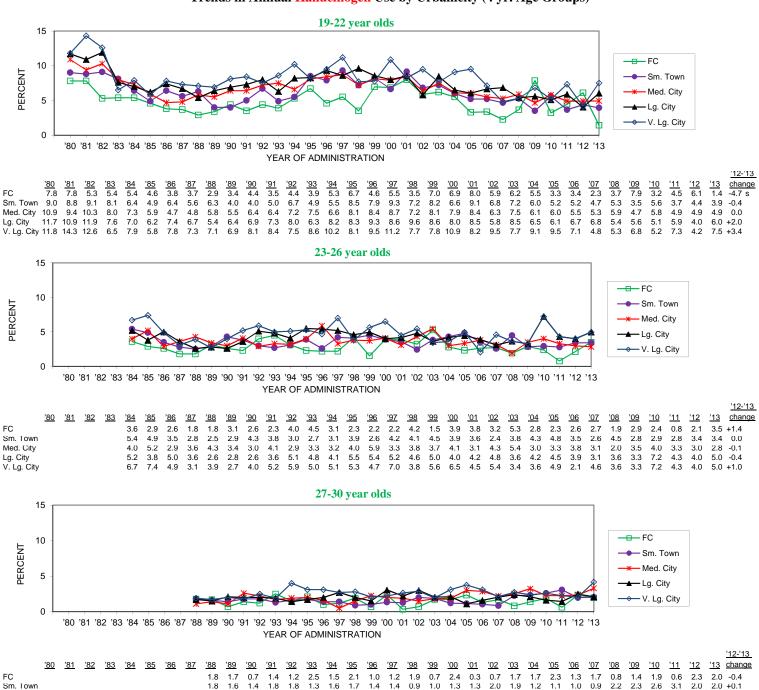


MW

1.0

+0.4

Trends in Annual Hallucinogen Use by Urbanicity (4 yr. Age Groups)



Med. City

Lg. City

V. Lg. City

1.1

1.5 2.1 2.0

1.1 2.6

2.0

1.9 2.0 1.6 0.5 1.5 2.3 2.0 1.9 1.5 1.8 1.9 3.0 2.8 2.2 2.5

4.0 3.1 3.1

1.7 2.0

1.9

1.0

2.2 2.6 2.9 1.9

2.7 2.7

2.0 1.5 3.1 2.2 3.0 2.0 2.1 1.1 1.6 2.1 2.4

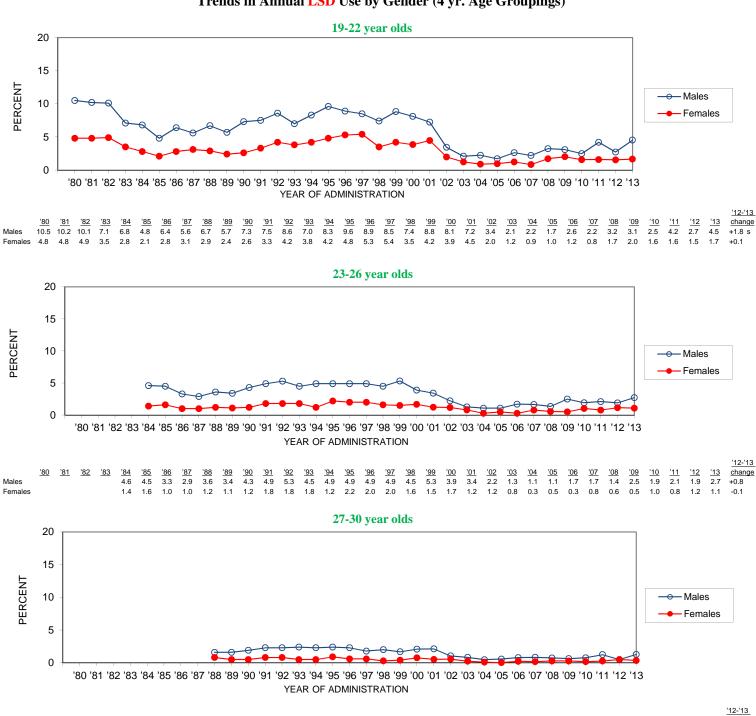
2.8

3.1

2.3

2.1 2.4

Trends in Annual LSD Use by Gender (4 yr. Age Groupings)



'97 '98 '99

0.6

<u>'82 '83 '84 '85 '86 '87 '88</u>

Males

Females

'89 '90

1.6 1.6 1.9 2.3 2.3 2.4 2.3 2.4 2.3 1.8 2.0 1.7

'91 '92 '93 '94 '95 '96 <u>'00</u> 2.1

'02 '03 '04 '05 '06 '07

<u>'01</u>

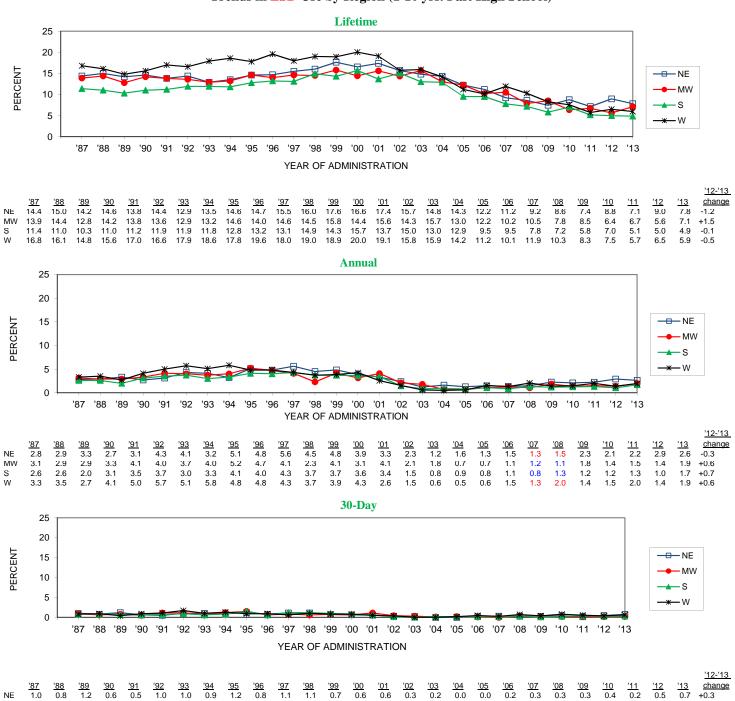
2.1 1.1 0.8 0.5 0.6 0.8 0.8 0.7 0.6 0.8 1.3 0.5 1.3 +0.8

'11

'12

'08 '09 '10 '13 change

Trends in LSD Use by Region (1-10 yrs. Past High School)



0.4 0.3

0.1

0.0 0.2

0.6

0.5 0.4 0.0

 $0.2 \quad 0.1 \quad 0.0 \quad 0.3 \quad 0.1 \quad 0.2 \quad 0.2 \quad 0.1 \quad 0.2 \quad 0.0$

0.2

0.2 0.5

0.0

0.2

0.3 0.7 0.4

0.8 0.5

0.4 0.6

+0.3

0.9

0.8

0.8 0.9 0.4 0.9 1.1 1.7 1.0

0.8 0.7 0.6 0.7

0.8 0.5

0.9

0.8

1.3

1.5 0.6 1.2

0.9

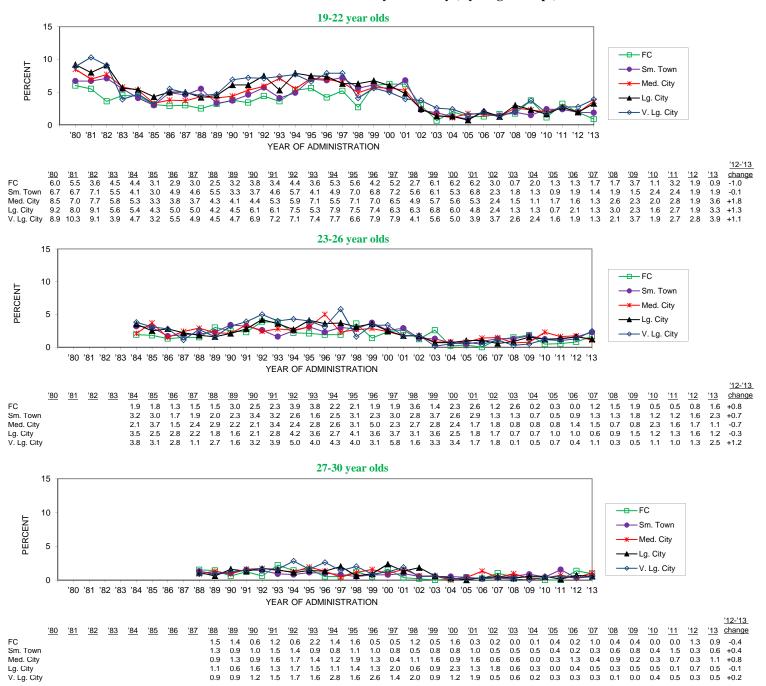
0.9 0.6

0.6

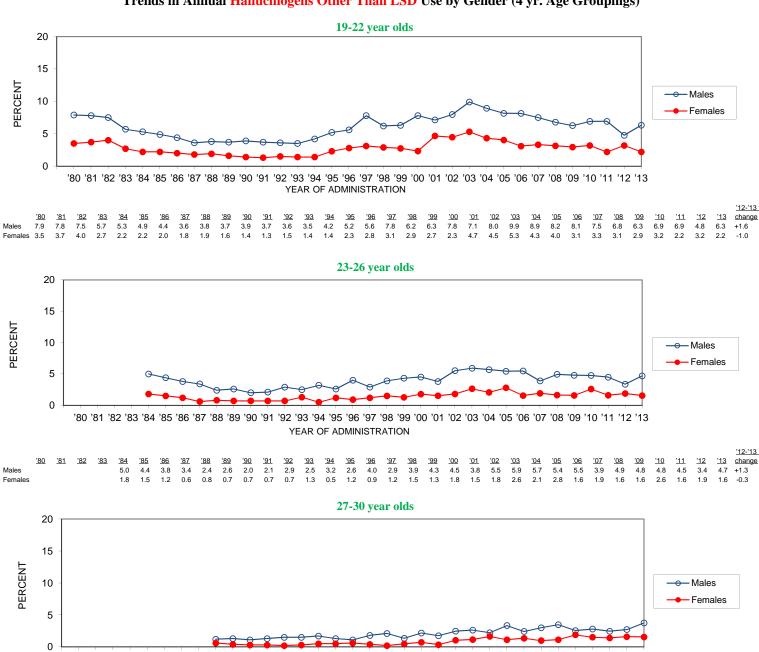
1.2 1.0 1.0 0.8

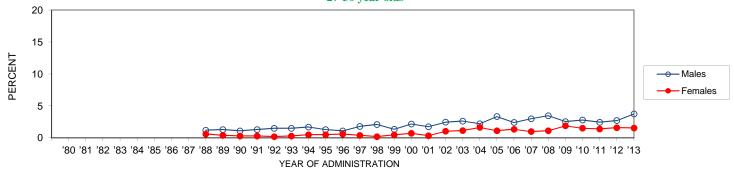
0.8 0.8

Trends in Annual LSD Use by Urbanicity (4 yr. Age Groups)



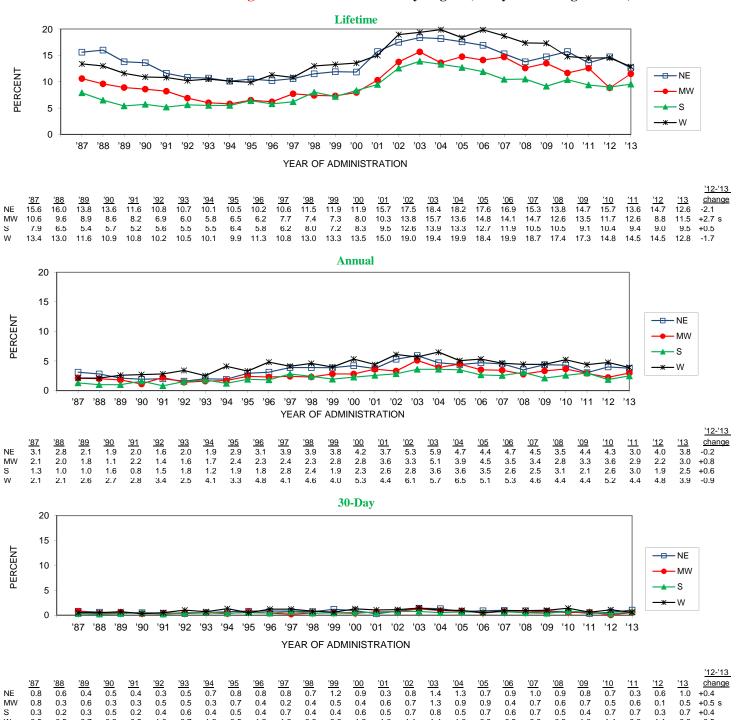
Trends in Annual Hallucinogens Other Than LSD Use by Gender (4 yr. Age Groupings)





<u>'89</u> 1.3 <u>'91</u> 1.3 <u>'92</u> 1.5 <u>'93</u> 1.5 <u>'94</u> 1.7 <u>'95</u> 1.3 <u>'96</u> 1.1 <u>'97</u> 1.8 <u>'98</u> 2.1 <u>'99</u> 1.4 <u>'00</u> 2.2 <u>'01</u> 1.7 <u>'02</u> 2.5 <u>'04</u> 2.2 <u>'05</u> 3.3 <u>'06</u> 2.4 <u>'07</u> 3.0 <u>'09</u> 2.6 <u>'10</u> 2.8 <u>'12</u> 2.7 '80 '81 '87 '08 '13 change 1.1 2.6 3.5 2.4 3.8 Males +1.0 0.4 0.2 0.5

Trends in Hallucinogens Other Than LSD Use by Region (1-10 yrs. Past High School)



0.7

0.7 0.8

1.1

1.0

0.6

0.4 0.7 0.6 0.7

0.7 0.6

1.0 0.9 0.5 0.9 0.9 1.0

0.7

0.5 0.4 0.6 0.1 0.5 +0.5 s

0.3 0.7 +0.4

0.6 -0.5

0.3 0.6 0.3

0.2 0.3 0.5 0.2

0.5

0.5 0.5

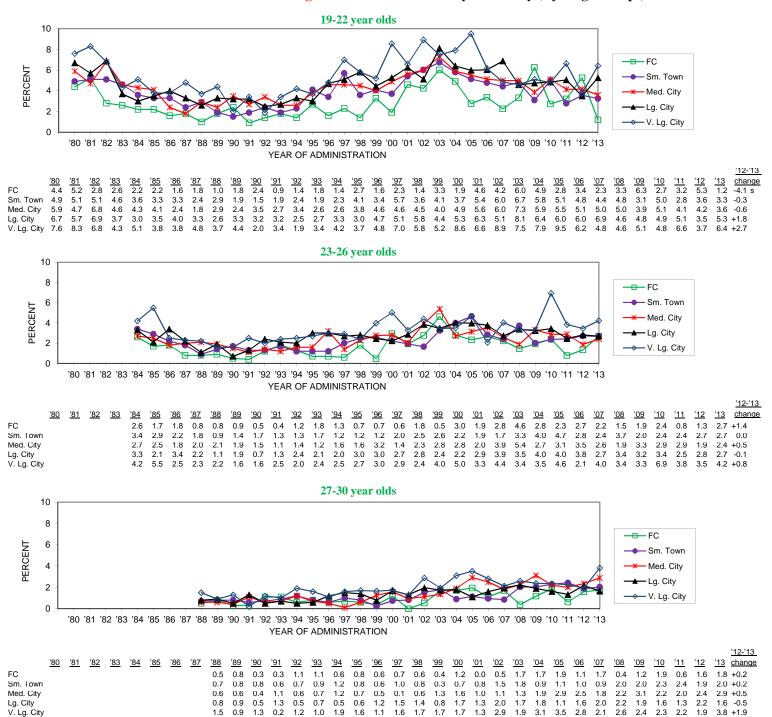
0.4

0.5 1.0 0.7 1.3 0.5 1.2 1.2 0.8 0.6 1.3

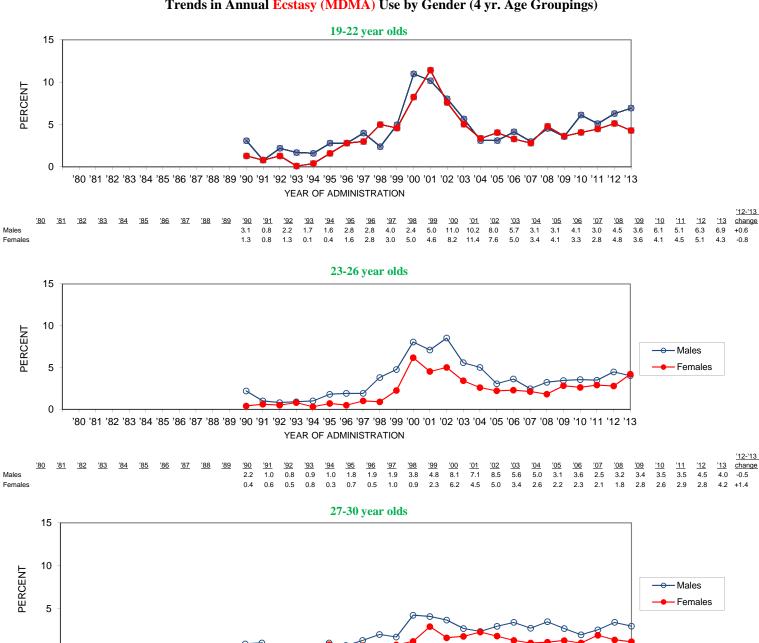
0.6 0.4 0.5 0.4

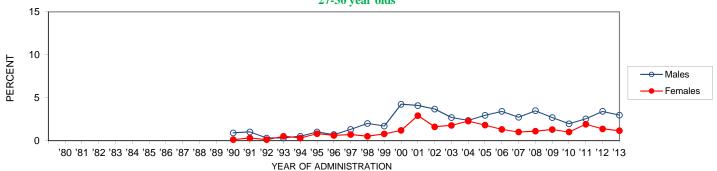
0.7 0.4

Trends in Annual Hallucinogen Other Than LSD Use by Urbanicity (4 yr. Age Groups)



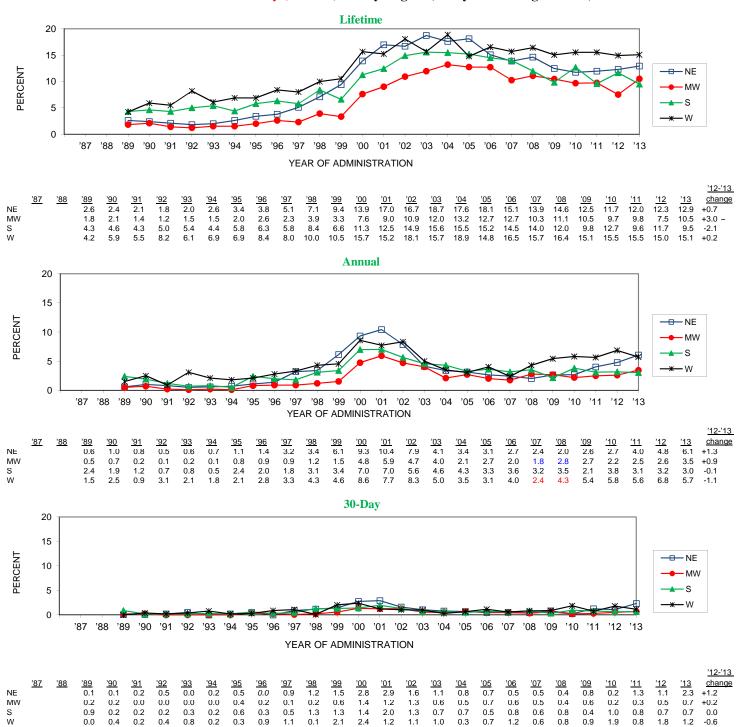
Trends in Annual Ecstasy (MDMA) Use by Gender (4 yr. Age Groupings)



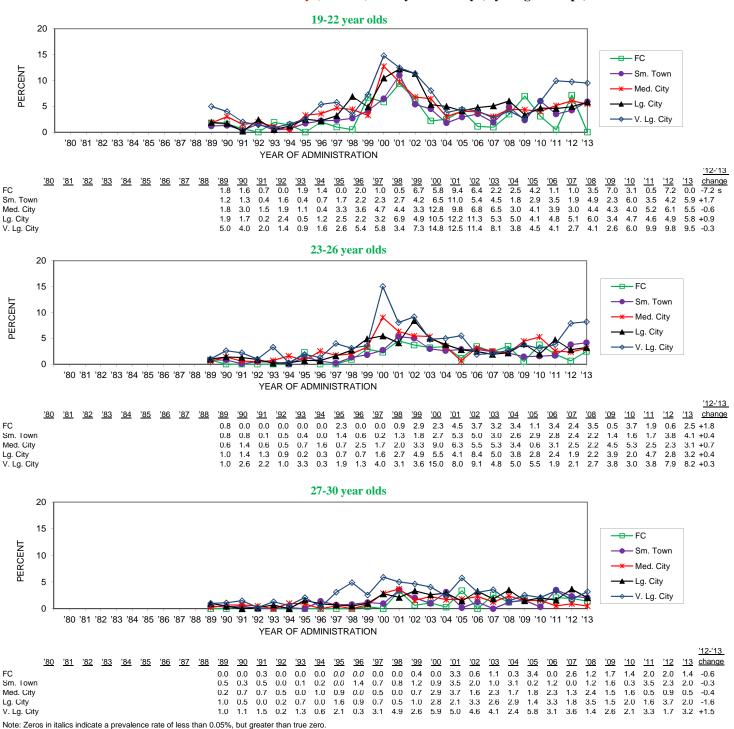


'12-'13 <u>'91</u> 1.0 <u>'92</u> 0.3 <u>'95</u> 1.0 <u>'96</u> 0.7 <u>'97</u> 1.3 <u>'98</u> 2.0 <u>'03</u> 2.7 1.8 <u>'04</u> 2.4 2.3 <u>'05</u> 2.9 1.8 <u>'06</u> 3.4 1.3 <u>'07</u> 2.7 1.0 <u>'08</u> 3.5 1.1 <u>'09</u> 2.7 1.3 <u>'10</u> 2.0 1.0 <u>'11</u> 2.5 <u>'12</u> 3.4 1.4 <u>'13 change</u> 3.0 -0.4 <u>'90</u> <u>'02</u> 3.7 1.7 0.8 4.2 1.2 4.1 2.9 Males 0.9 0.3 0.5 Female

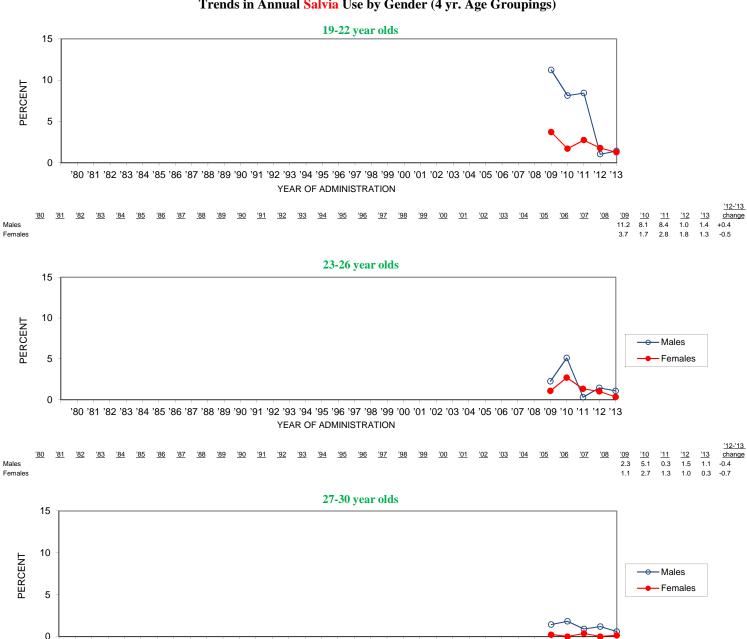
Trends in Ecstasy (MDMA) Use by Region (1-10 yrs. Past High School)

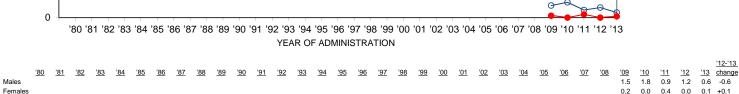


Trends in Annual Ecstasy (MDMA) Use by Urbanicity (4 yr. Age Groups)



Trends in Annual Salvia Use by Gender (4 yr. Age Groupings)

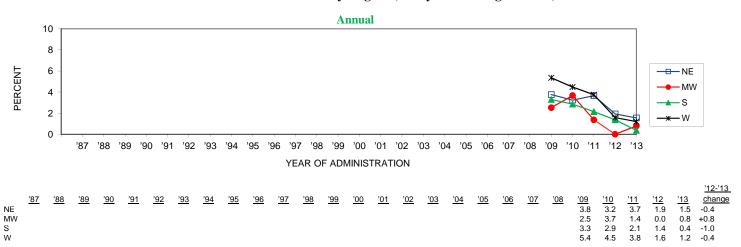




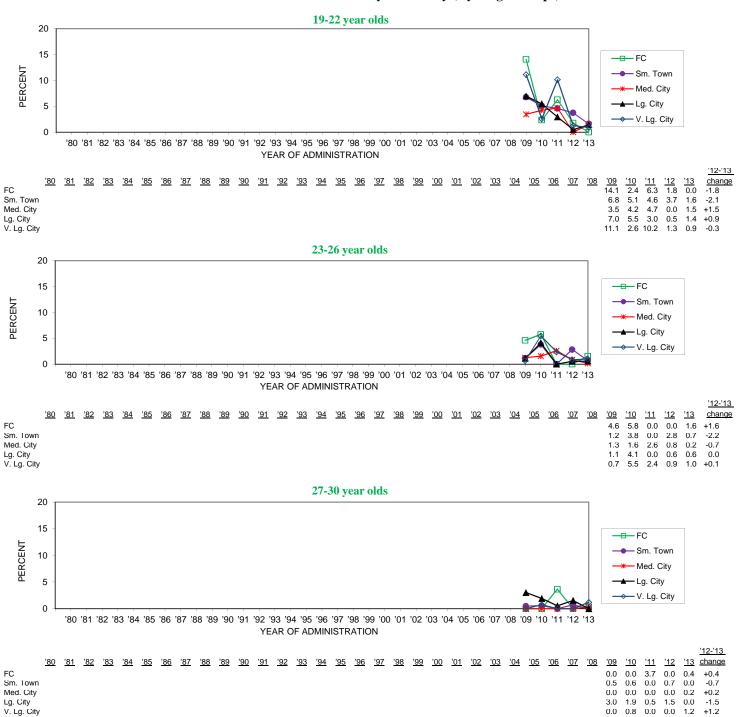
0.2 0.0 0.4 0.0

Females

Trends in Salvia Use by Region (1-10 yrs. Past High School)

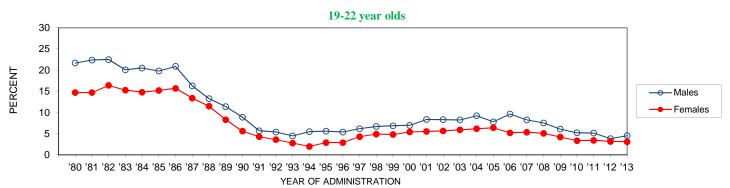


Trends in Annual Salvia Use by Urbanicity (4 yr. Age Groups)

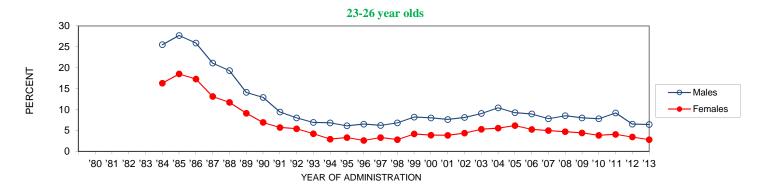


Note: Zeros in italics indicate a prevalence rate of less than 0.05%, but greater than true zero.

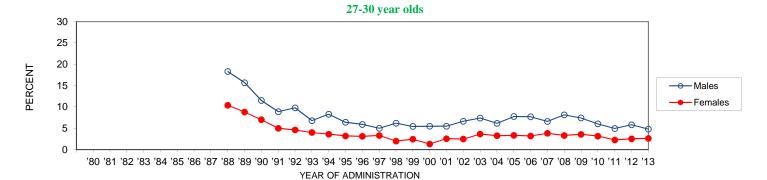
Trends in Annual Cocaine Use by Gender (4 yr. Age Groupings)



'12-'13 '12 '80 '81 '82 '83 '84 '85 '86 '87 '88 '89 '90 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '05 '06 '07 '10 '11 '13 change 21.7 22.5 20.1 20.5 19.8 20.9 16.3 13.3 11.4 8.9 4.5 5.6 6.2 6.9 7.0 8.3 8.2 9.3 7.8 9.6 8.3 7.5 3.9 14.7 16.4 15.3 14.8 15.2 15.7 13.4 11.5 8.3 5.6 4.3 3.6 2.8 2.0 2.9 2.9 4.3 4.9 5.5 5.7 6.2 6.4 5.2 5.4 5.1 3.2 -0.1

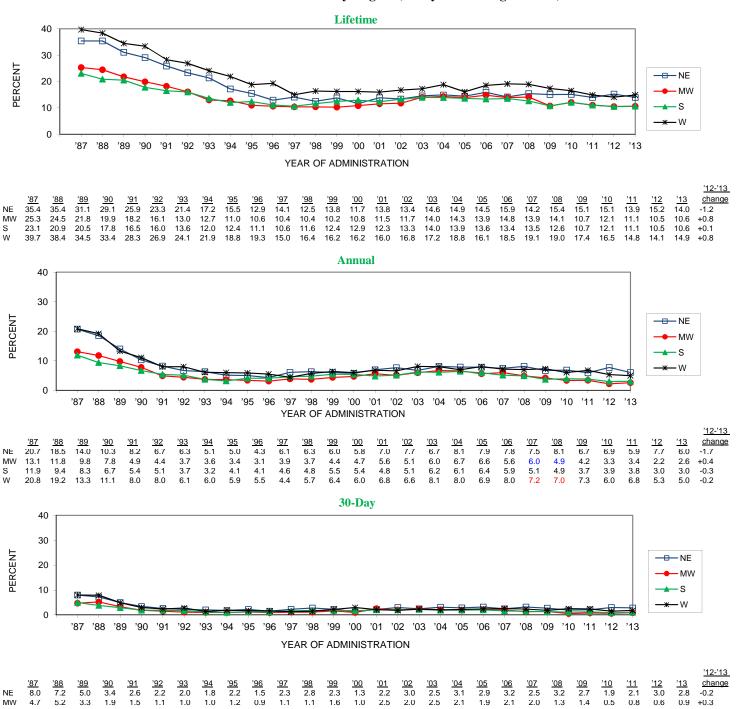


'12-'13 <u>'84 '85 '86 '87 '88 '89 '90</u> 25.5 27.7 25.9 21.1 19.3 14.1 12.9 '93 '96 <u>'99</u> 8.2 6.8 8.9 8.5 Males 9.4 8.0 6.9 6.1 6.5 6.2 6.8 8.0 7.6 8.1 9.0 10.4 9.2 7.8 8.0 7.8 9.2 6.5 6.4 -0.1 16.3 18.5 17.3 13.1 11.7 9.1 6.9 5.7 4.2 2.9 2.6 3.3 2.8 4.1 3.9 3.8 4.3 5.3 5.5 6.2 5.2 5.0 4.7 4.4 3.8 4.1 2.8 -0.6 Females 5.4 3.3



'12-'13 <u>'89</u> 15.7 <u>'95</u> 6.4 <u>'00</u> 5.5 1.3 <u>'03</u> 7.4 <u>'05</u> 7.7 3.3 <u>'06</u> 7.7 3.2 <u>'09</u> 7.4 3.6 <u>'13 change</u> 4.8 -1.0 <u>'88</u> <u>'97</u> 8.3 5.0 3.3 5.4 2.4 5.5 2.5 6.6 2.5 6.1 3.2 8.1 3.3 Males 18.3 11.5 8.9 9.8 6.8 5.9 6.2 6.6 6.0 5.0 5.8

Trends in Cocaine Use by Region (1-10 yrs. Past High School)



2.0 2.1 2.2

1.5

1.9 2.0 0.5

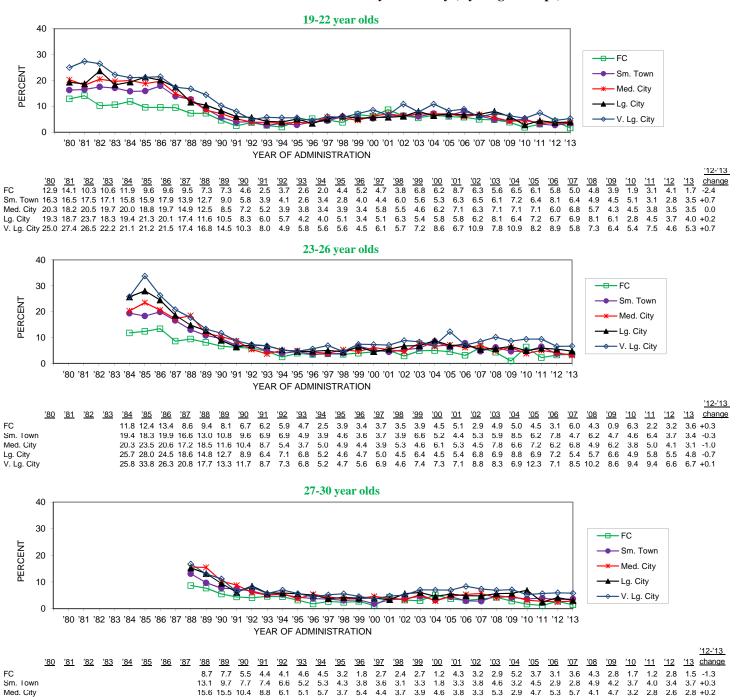
1.5 1.3 1.1 1.3 0.9 1.0 +0.2

+0.3

MW

3.8 2.9 1.9 1.7 1.2 1.0 1.3 1.7 1.1 1.6 1.8 1.8

Trends in Annual Cocaine Use by Urbanicity (4 yr. Age Groups)



6.9

7.0 6.9

15.3 13.2 9.5

16.8 13.0 11.2

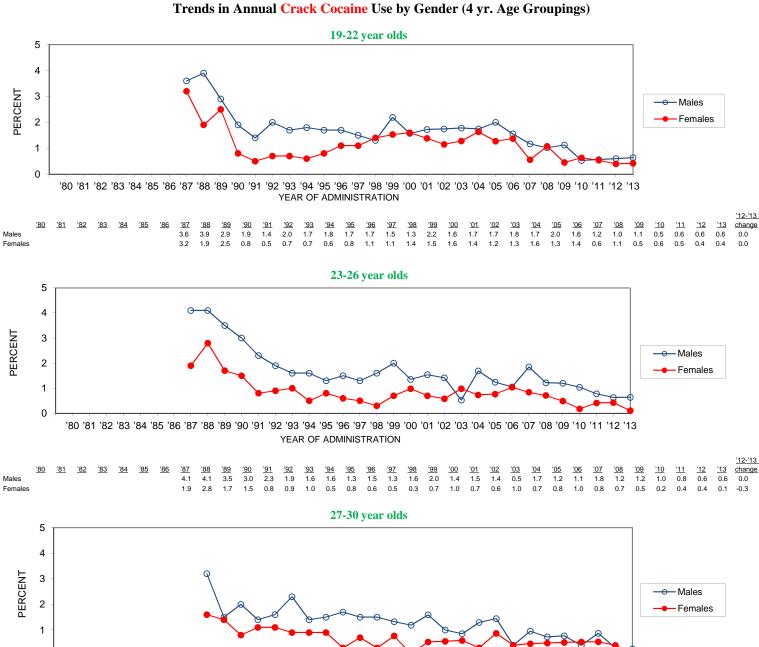
6.1 8.5 5.8 5.9 5.6 5.1 3.8 4.2 4.0 3.9 3.4 5.7 6.1 4.6 5.5 4.9

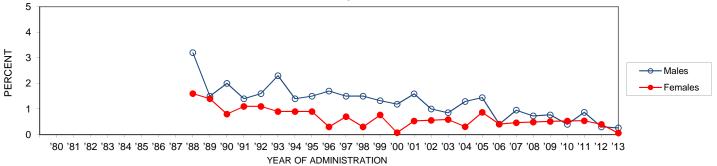
6.3

7.0 5.7 4.4 5.2 5.6 4.6 3.6 4.7 5.1

Lg. City

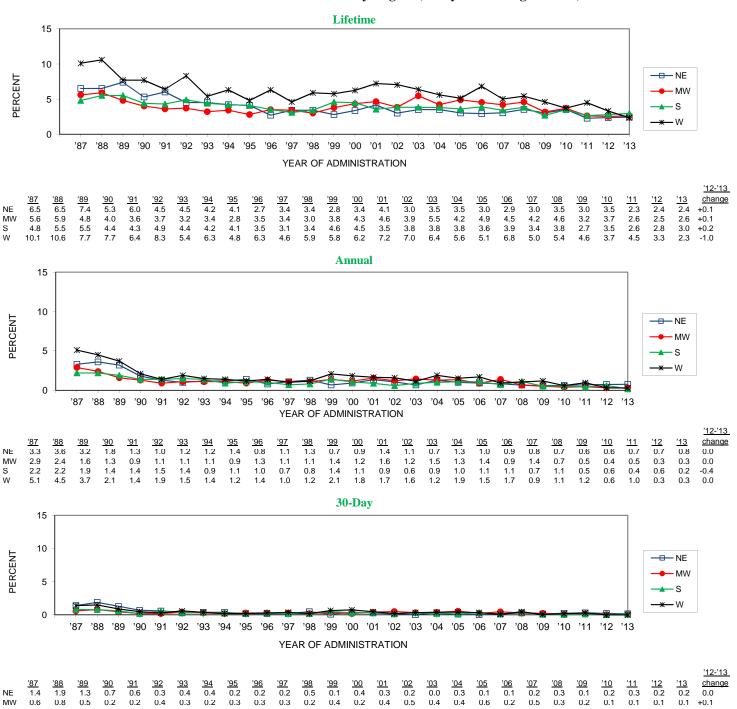
V. Lg. City





'12-'13 <u>'89</u> 1.5 <u>'92</u> 1.6 1.1 <u>'93</u> 2.3 <u>'95</u> 1.5 <u>'96</u> 1.7 <u>'97</u> 1.5 <u>'98</u> 1.5 <u>'00</u> 1.2 <u>'01</u> 1.6 0.5 <u>'02</u> 1.0 <u>'05</u> 1.4 <u>'06</u> 0.4 <u>'07</u> 1.0 <u>'08</u> 0.7 <u>'10</u> 0.4 <u>'12</u> 0.3 13 change 0.3 0.0 '80 '09 Males 3.2 2.0 1.4 1.3 0.9 1.3 0.8 0.9 Female

Trends in Crack Cocaine Use by Region (1-10 yrs. Past High School)



0.5

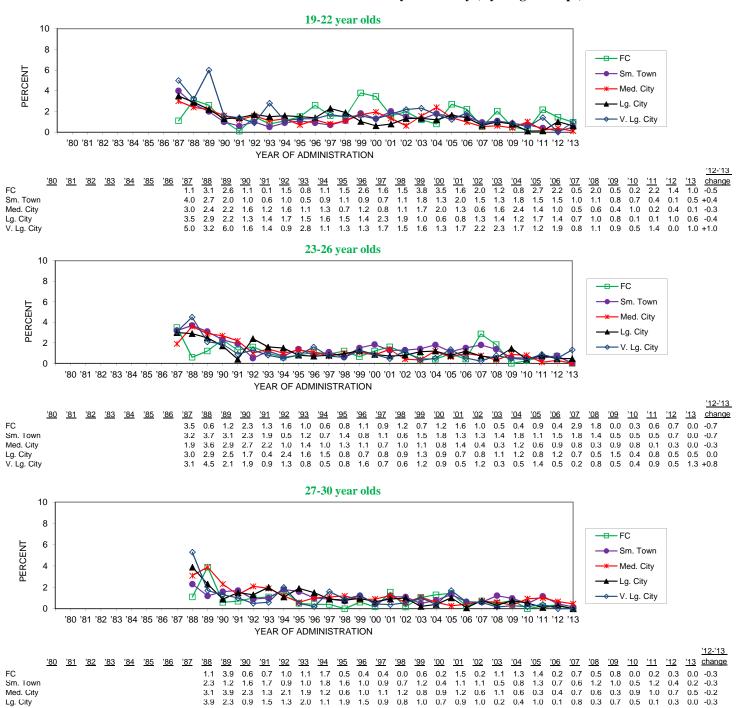
0.8 0.8 0.6 0.2 0.6 0.4 0.4 0.3 0.2 0.3 0.2 0.2 0.5 0.3 0.4 0.2 0.3 0.2 0.1 0.4 0.1 0.5 0.1 0.1 0.1 0.0 0.2

1.5

0.3 0.6

0.2 0.2

Trends in Annual Crack Cocaine Use by Urbanicity (4 yr. Age Groups)



1.0

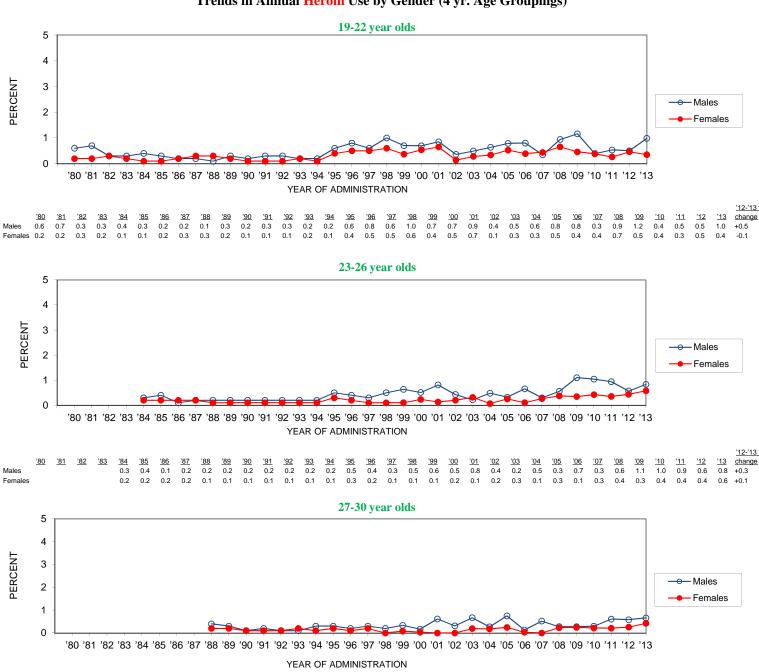
2.0 0.5 0.2 1.6 0.9 1.2

0.4 0.4 0.6

1.0 0.4 1.7 0.6

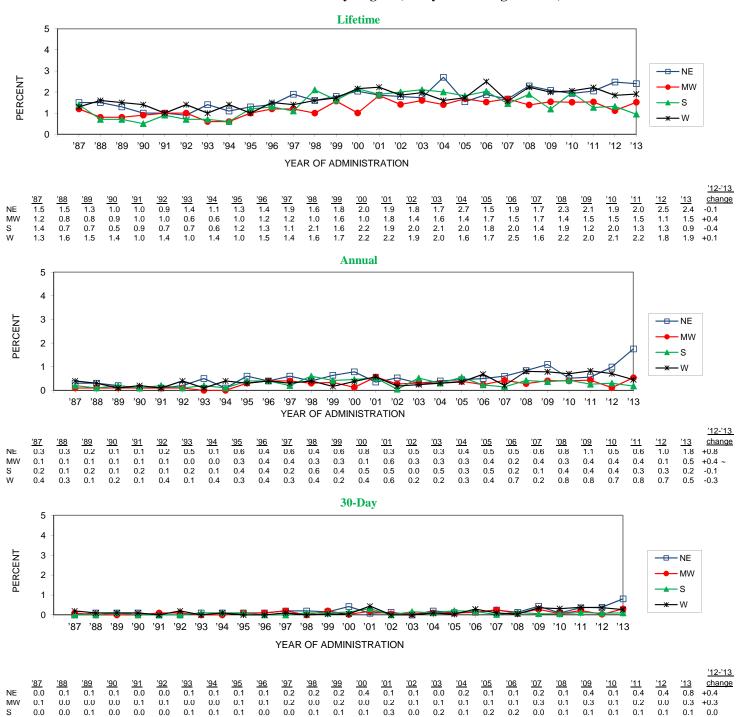
V. Lg. City

Trends in Annual Heroin Use by Gender (4 yr. Age Groupings)



'12-'13

Trends in Heroin Use by Region (1-10 yrs. Past High School)



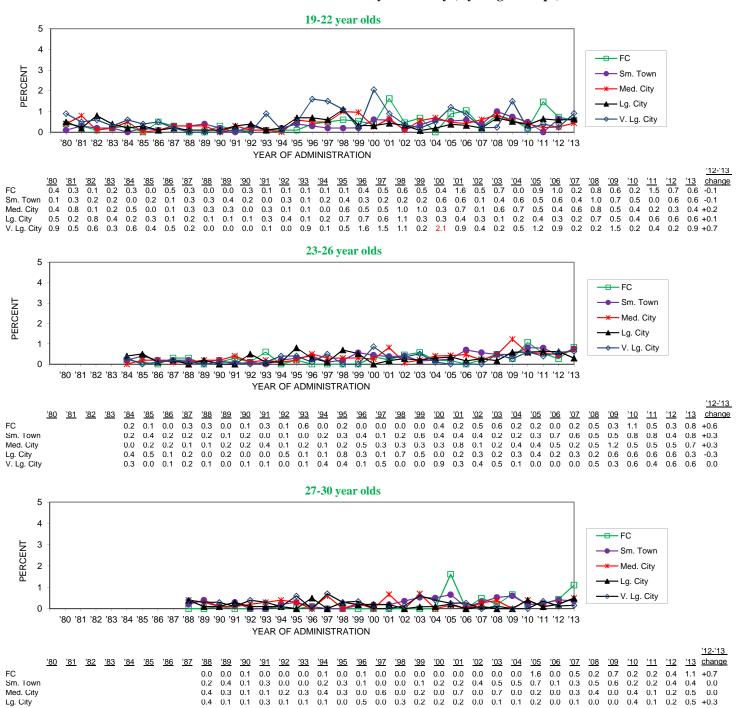
0.4

-0.1

0.0 0.0

0.0 0.1 0.0

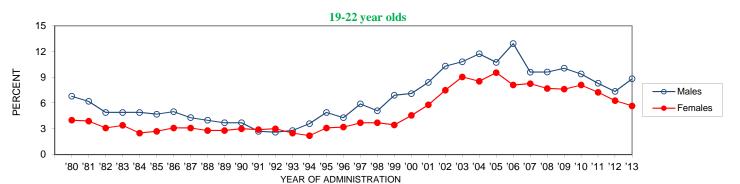
Trends in Annual Heroin Use by Urbanicity (4 yr. Age Groups)



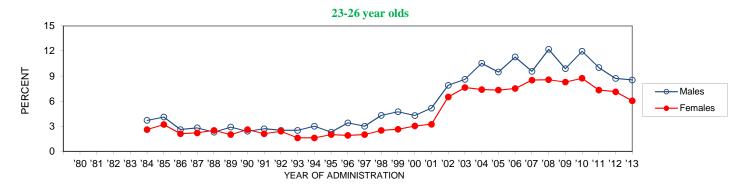
 $0.1 \quad 0.6 \quad 0.0 \quad 0.7 \quad 0.3 \quad 0.3 \quad 0.0 \quad 0.0 \quad 0.1 \quad 0.6 \quad 0.4 \quad 0.3 \quad 0.3 \quad 0.0$

V. Lg. City

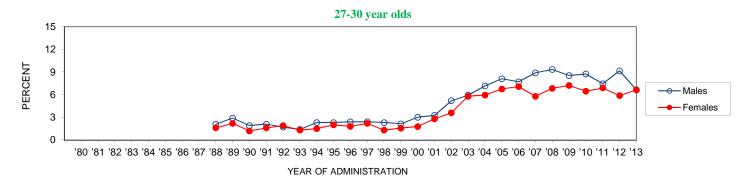
Trends in Annual Narcotics Other Than Heroin Use by Gender (4 yr. Age Groupings)



<u>'12-'13</u> '92 '12 '80 '81 '85 '86 '87 '88 '89 '90 '91 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 '10 '11 '13 change 6.8 6.2 4.7 5.0 4.3 4.0 3.7 3.7 2.6 2.8 3.6 4.9 4.3 5.9 5.1 6.9 7.1 8.4 10.3 10.8 11.7 10.7 12.9 9.6 9.6 10.1 9.4 8.3 7.4 4.0 3.9 2.5 2.7 3.1 3.1 2.8 2.8 3.0 2.9 3.0 2.5 2.2 3.1 3.2 3.7 3.7 3.5 4.6 5.8 7.5 9.0 8.5 9.5 8.1 8.3 7.7 7.6 8.1 7.2 6.3 5.7 -0.6



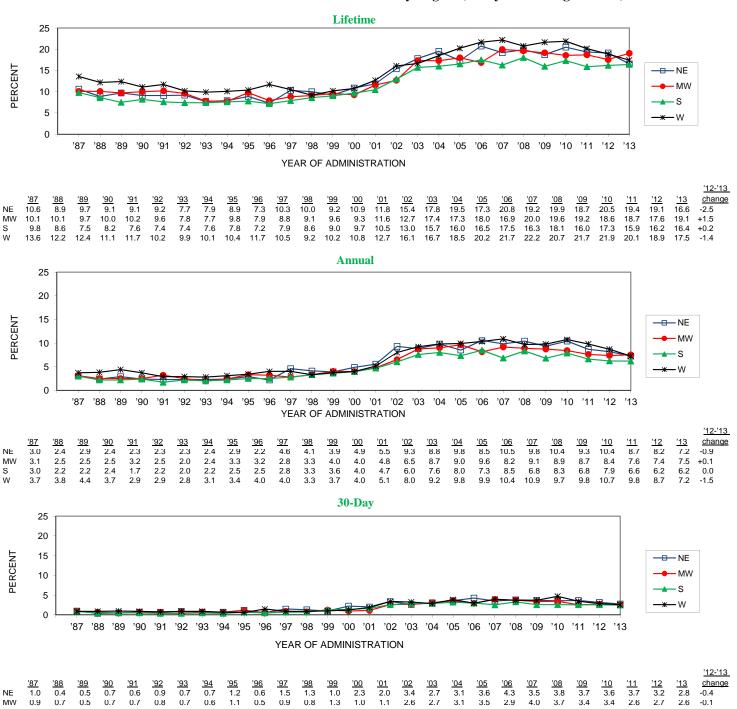
'12-'13 '92 '93 '95 '96 '97 '98 <u>'99</u> 4.7 change 2.9 3.0 5.2 8.6 10.5 Males 4.1 2.6 2.8 2.3 2.4 2.7 2.5 2.5 2.3 3.4 3.0 4.3 4.3 7.9 9.5 11.3 9.6 12.2 9.9 12.0 10.0 8.7 8.5 -0.2 2.1 2.6 2.2 2.5 2.0 2.6 2.4 1.6 1.6 2.0 1.9 2.0 2.5 2.6 3.0 3.2 6.5 7.6 7.4 7.3 7.5 8.5 8.6 8.3 8.7 7.1 6.0 -1.1 Females 7.3



'12-'13 <u>'89</u> 2.9 <u>'05</u> 8.1 6.8 <u>'06</u> 7.7 7.1 <u>'12</u> 9.1 <u>'13</u> <u>change</u> 6.7 -2.5 <u>'95</u> 2.3 <u>'96</u> 2.4 <u>'07</u> 1.7 2.1 1.6 2.3 2.1 1.6 3.0 1.8 8.5 7.2 Males 1.9 1.2 1.4 2.3 2.4 3.2 5.2 5.9 7.2 8.9 9.3 8.7 7.5

* adjusted

Trends in Narcotics Other Than Heroin Use by Region (1-10 yrs. Past High School)



1.3 1.9

3.2 3.0

3.3 2.6 2.6 2.6 2.6 2.5

0.9

0.9 0.9

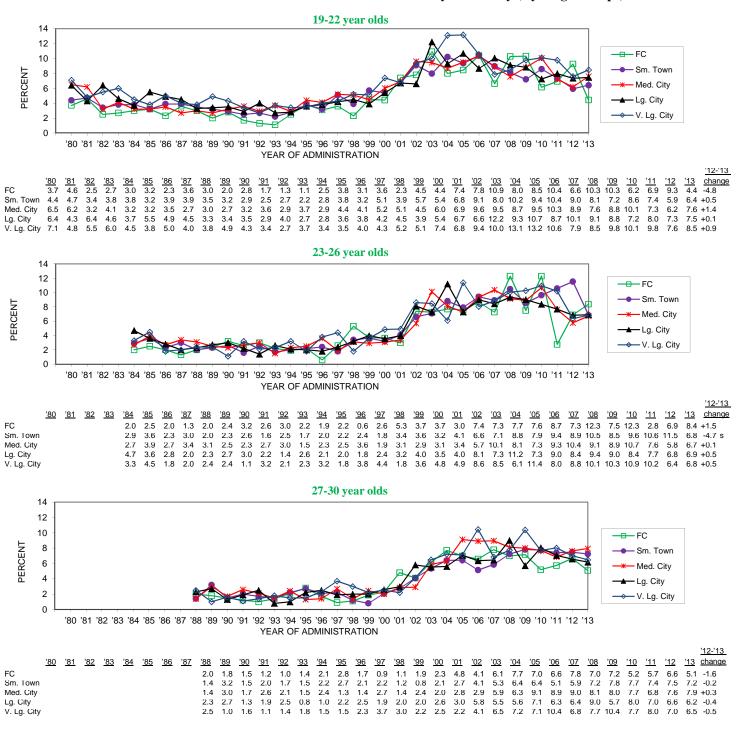
 $0.6 \quad 0.5 \quad 0.4 \quad 0.4 \quad 0.5 \quad 0.4 \quad 0.7 \quad 0.5 \quad 0.7 \quad 0.7 \quad 1.3 \quad 1.4 \quad 1.7 \quad 2.6 \quad 2.9$

0.9

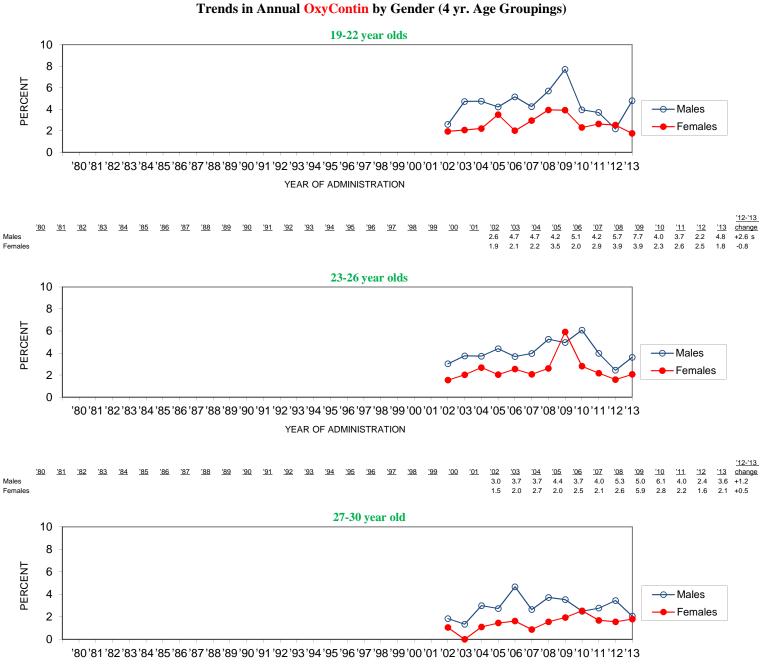
0.7 0.6

0.9 0.9

Trends in Annual Narcotics Other Than Heroin Use by Urbanicity (4 yr. Age Groups)

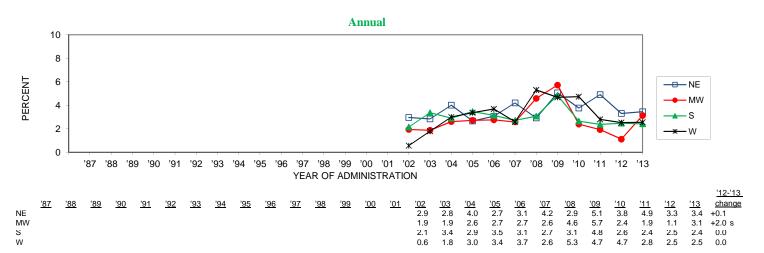


* adjusted

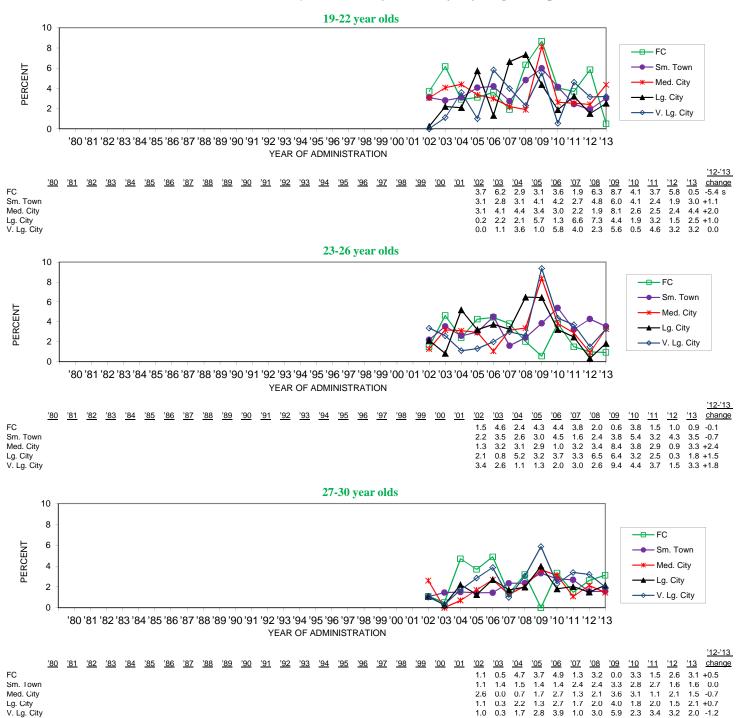


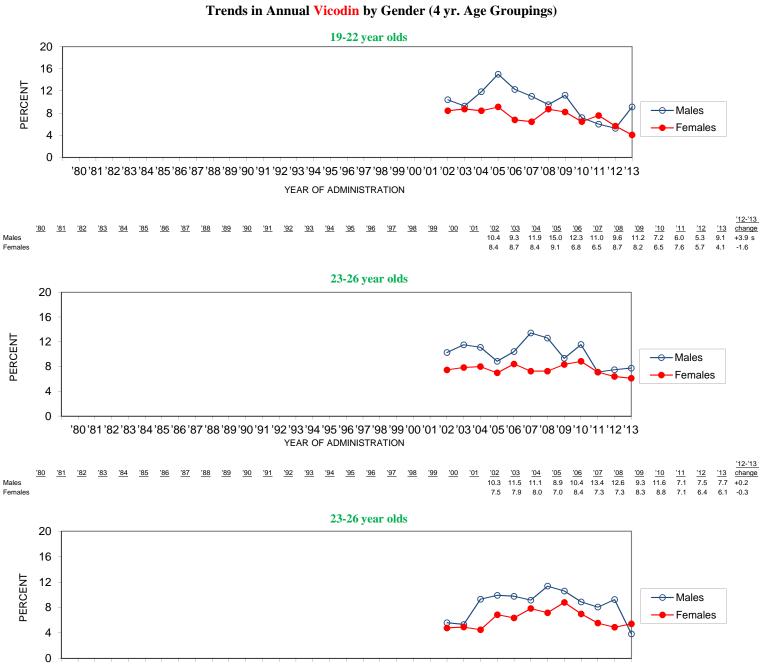


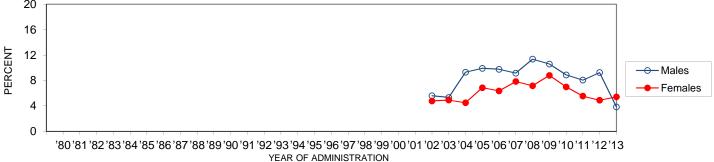
Trends in OxyContin Use by Region (1-10 yrs. Past High School)



Trends in Annual OxyContin Use by Urbanicity (4 yr. Age Groups)



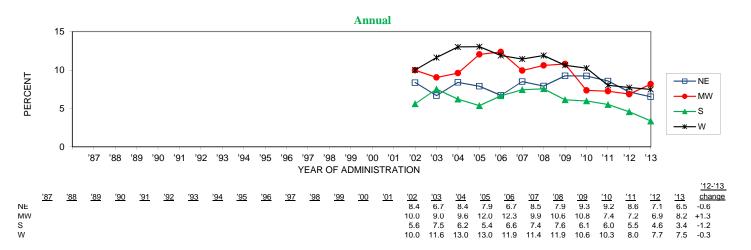




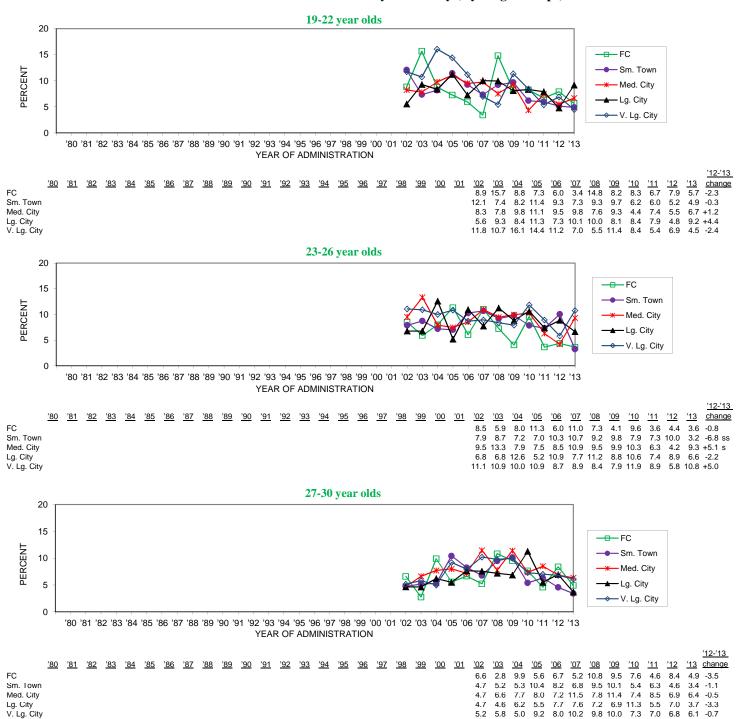
'91 '93 '94 '95 '00 '01 '02 '07 '08 '09 10 '12 '13 change '88 '89 '90 Males 5.6 5.3 9.3 9.9 9.8 9.2 11.4 10.6 8.9 8.1 9.3 3.9 -5.4 ss 4.8 4.9 7.8 7.2 5.6 4.9 Females 4.5 6.9 6.4 8.8 7.0 5.4 +0.5

'12-'13

Trends in Vicodin Use by Region (1-10 yrs. Past High School)



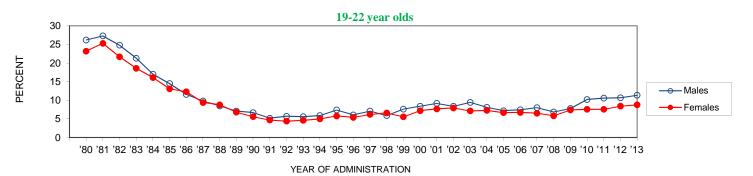
Trends in Annual Vicodin Use by Urbanicity (4 yr. Age Groups)



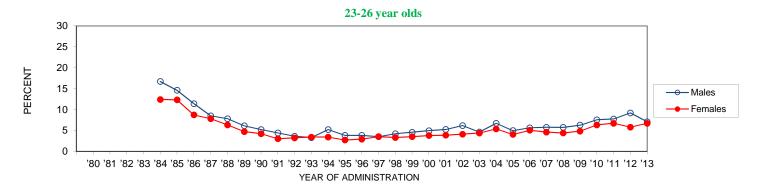
8.0 10.2 9.8 10.0

7.3

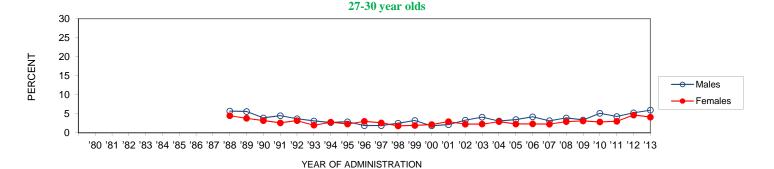
Trends in Annual Amphetamine Use by Gender (4 yr. Age Groupings)



'12-'13 '80 '11 '12 '81 '82 '83 '84 '85 '86 '87 '88 '90 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '05 '07 '09 '10 '13 change 8.4 7.2 9.2 7.2 6.7 7.5 6.7 26.2 27.3 24.8 21.3 17.0 14.5 11.6 9.8 8.5 7.1 5.2 5.6 5.9 5.9 7.6 9.5 8.0 6.9 7.8 10.2 10.6 7.1 7.4 7.3 23.2 25.3 21.7 18.6 16.1 13.1 12.3 9.4 8.8 6.8 5.6 4.7 4.4 4.6 5.0 5.8 6.2 6.6 5.6 7.9 6.5 5.8 7.6 7.6 8.4 8.8 +0.4

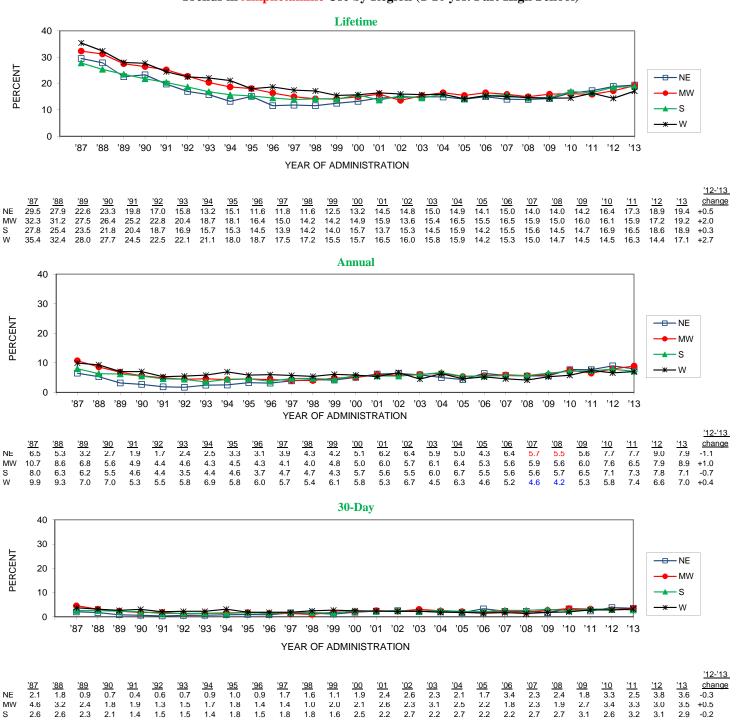


'12-'13 '93 '95 '96 '97 '98 change 16.7 14.6 11.4 5.2 4.5 5.2 5.6 5.7 5.7 7.7 Males 8.5 7.8 6.1 5.2 4.4 3.6 3.3 3.8 3.8 3.5 4.2 4.9 6.2 4.6 6.7 5.0 6.3 7.5 9.2 7.1 -2.1 12.4 12.3 8.7 6.3 4.7 4.2 3.0 3.2 3.4 3.4 2.7 2.9 3.5 3.3 3.5 3.8 3.8 4.1 4.4 4.0 5.0 4.6 4.4 4.8 6.3 6.7 5.8 6.7 +0.9 Females 7.8 5.4



'12-'13 <u>'96</u> 1.9 <u>'05</u> 3.5 <u>'06</u> 4.2 2.3 <u>'95</u> 2.9 <u>'13</u> change 3.7 3.2 1.9 3.1 2.9 5.1 2.8 Males 5.6 3.9 4.5 3.1 2.7 1.9 2.5 1.8 2.2 3.3 4.1 3.2 3.9 3.4 4.3 5.3 5.9 +0.7

Trends in Amphetamine Use by Region (1-10 yrs. Past High School)

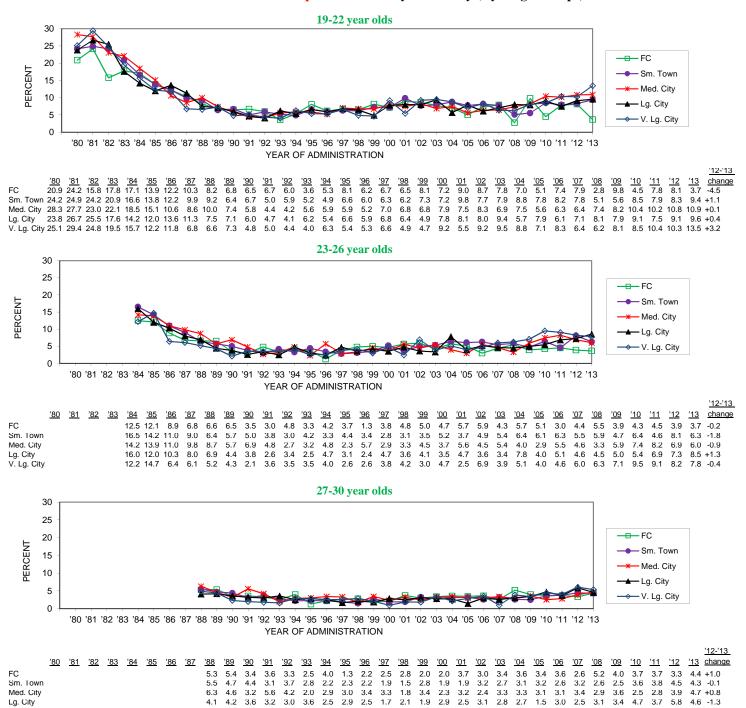


2.2 2.7 2.2 2.2 2.7 2.7 3.1 2.6 3.2 2.9 -0.2

2.6 2.6 2.3 1.5

1.8 1.5 1.8 1.8 1.6 2.5 2.2

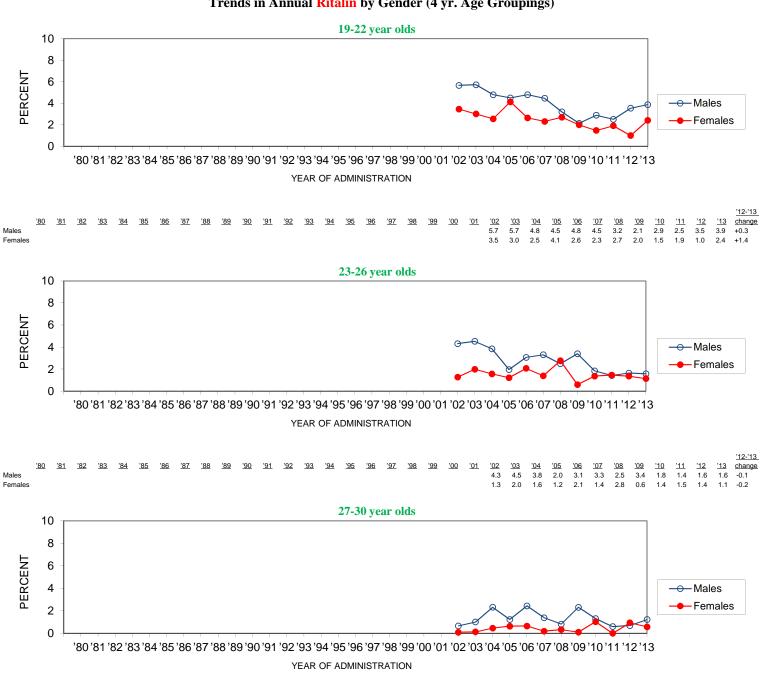
Trends in Annual Amphetamine Use by Urbanicity (4 yr. Age Groups)



1.6 2.9 2.8 2.5 2.6 2.9 2.1 1.0 1.9 1.8 3.3 2.2 2.9 3.5

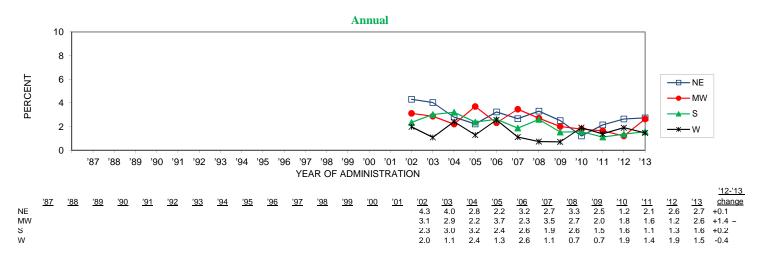
V. Lg. City

Trends in Annual Ritalin by Gender (4 yr. Age Groupings)

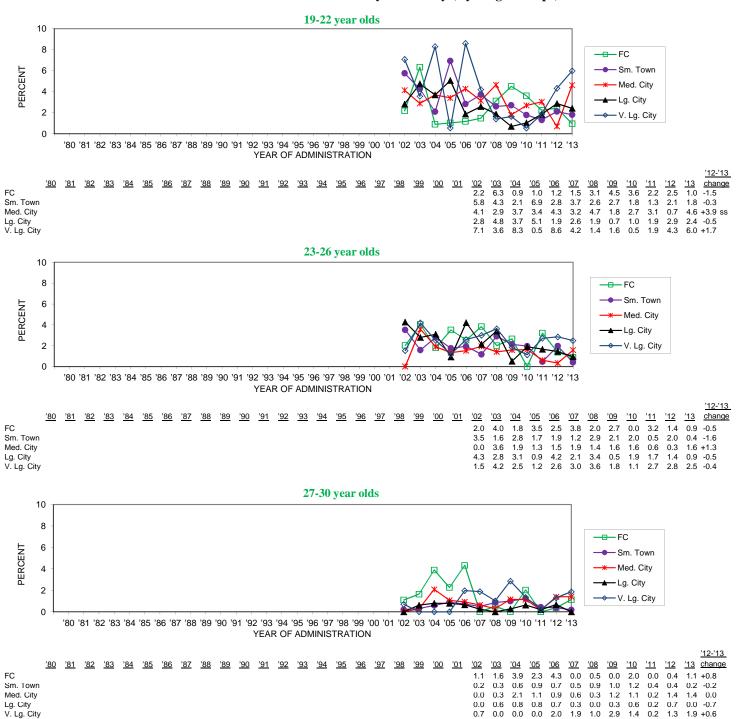


																																			'12-'13
	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	10	111	'12	13	change
Males																							0.7	1.0	2.3	1.2	2.4	1.4	8.0	2.3	1.3	0.6	0.7	1.2	+0.5
Females																							0.1	0.1	0.5	0.6	0.6	0.2	0.3	0.1	1.0	0.0	0.9	0.6	-0.4

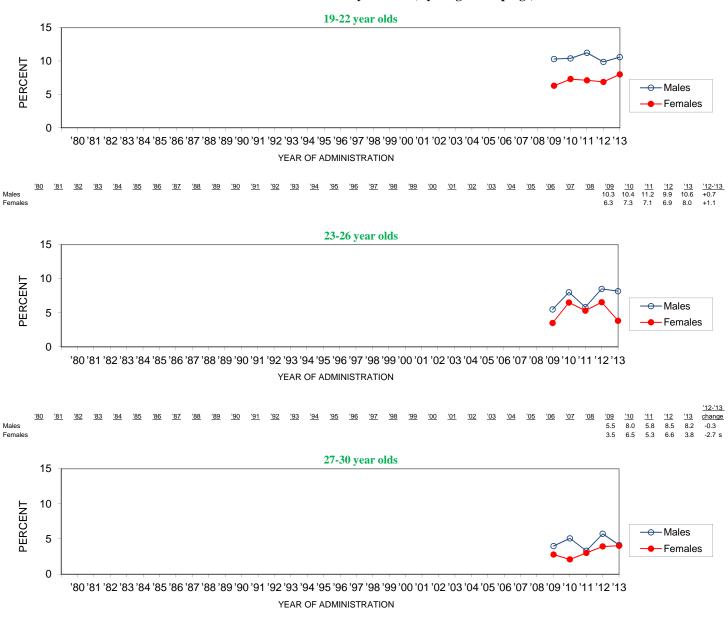
Trends in Ritalin Use by Region (1-10 yrs. Past High School)



Trends in Annual Ritalin Use by Urbanicity (4 yr. Age Groups)



Trends in Annual Adderall by Gender (4 yr. Age Groupings)



'92 '93

Males

<u>'94 '95 '96 '97 '98</u>

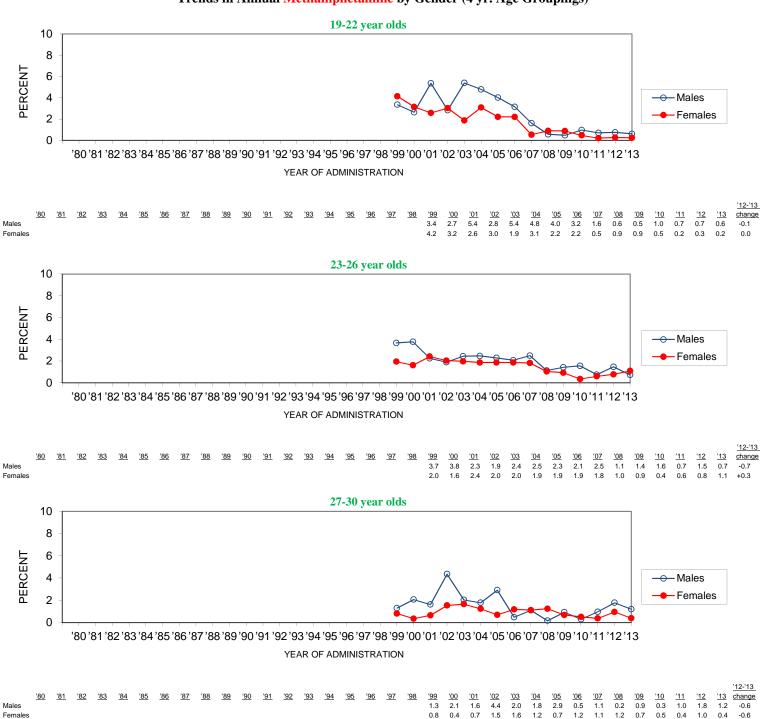
<u>'00 '01 '02 '03</u>

 '09
 '10
 '11
 '12

 4.0
 5.1
 3.3
 5.7

 2.8
 2.1
 3.0
 4.0

Trends in Annual Methamphetamine by Gender (4 yr. Age Groupings)

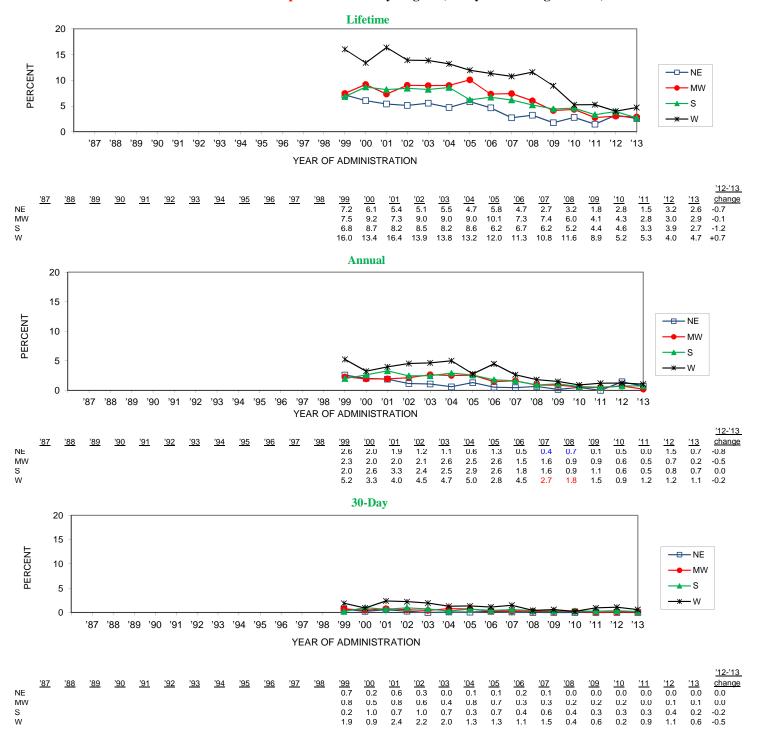


0.8

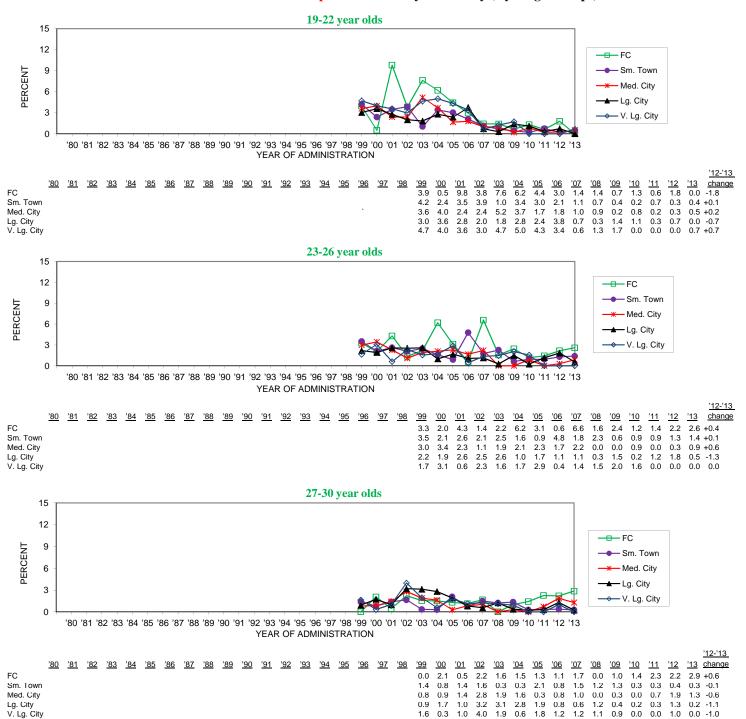
0.7 1.2 -0.6

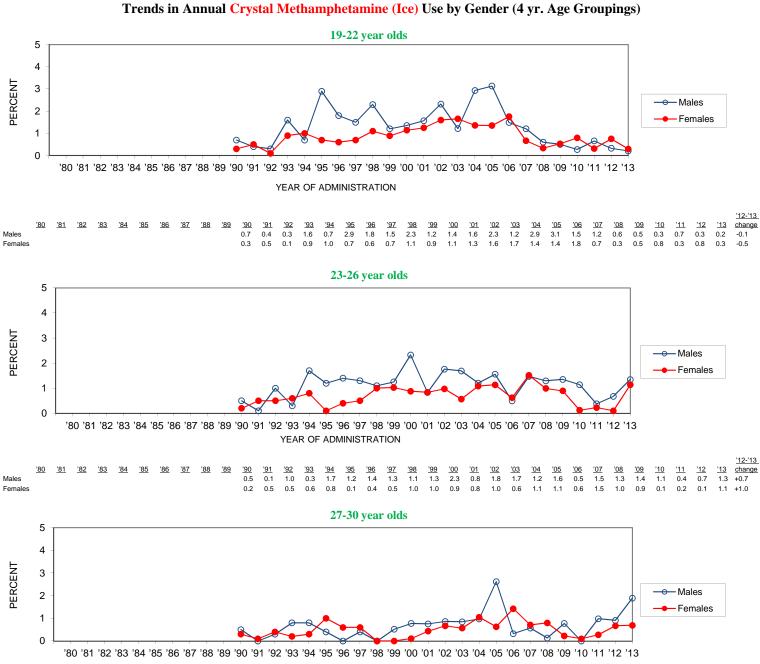
Females

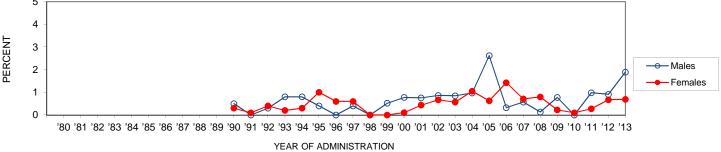
Trends in Methamphetamine Use by Region (1-10 yrs. Past High School)



Trends in Annual Methamphetamine Use by Urbanicity (4 yr. Age Groups)

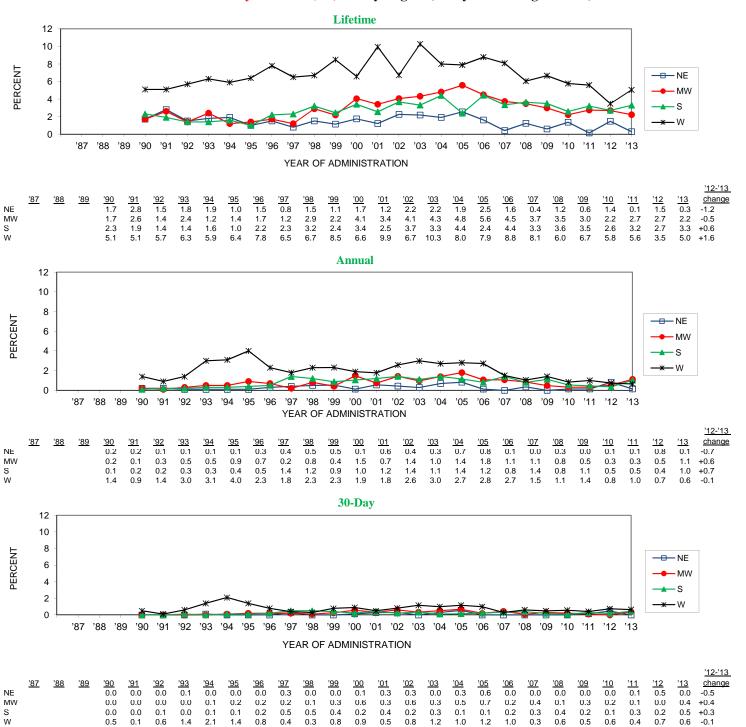






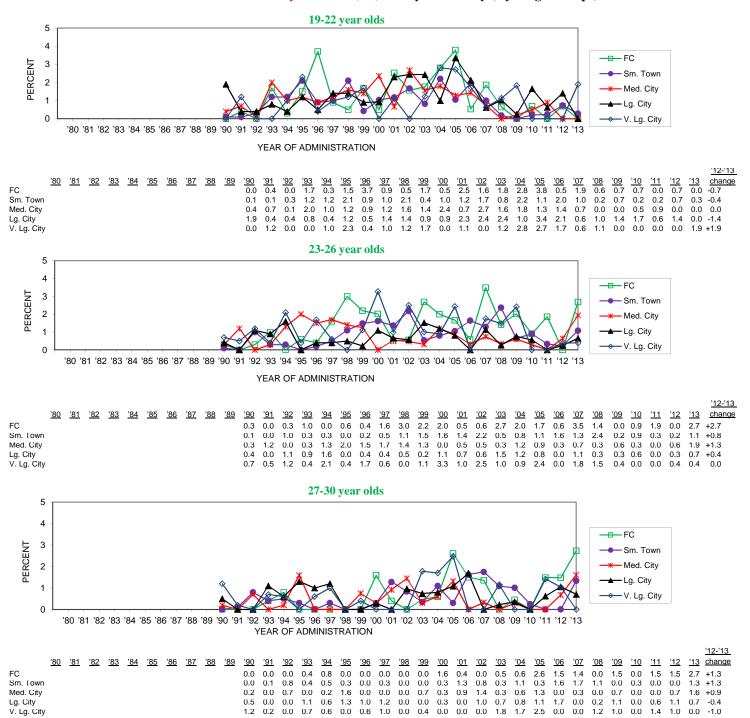
'12-'13 <u>'90</u> 0.5 <u>'92</u> 0.3 <u>'05</u> 2.6 <u>'06</u> 0.3 0.1 0.8 <u>'13</u> 1.9 <u>'91</u> change Males 0.0 0.8 0.8 0.4 0.0 0.4 0.0 0.5 0.8 0.8 0.9 0.8 1.0 0.6 0.8 0.0 1.0 0.9 +1.0 Female

Trends in Crystal Meth (Ice) Use by Region (1-10 yrs. Past High School)



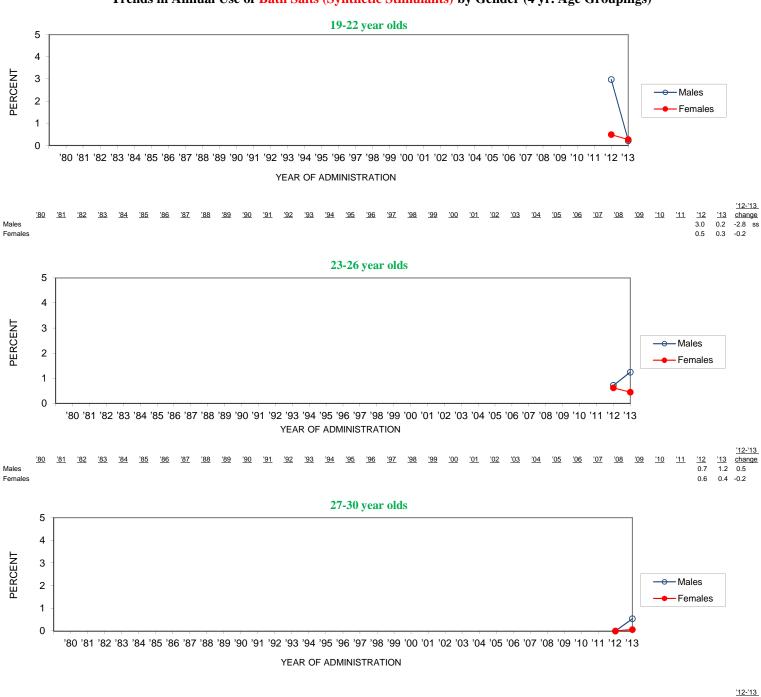
Note: Zeros in italics indicate a prevalence rate of less than 0.05%, but greater than true zero.

Trends in Annual Crystal Meth (Ice) Use by Urbanicity (4 yr. Age Groups)



0.6 0.0 0.6 1.0 0.0 0.4 0.0 0.0 0.0 1.8 1.7 2.5 0.0 0.0 1.2

Trends in Annual Use of Bath Salts (Synthetic Stimulants) by Gender (4 yr. Age Groupings)



'97

Males

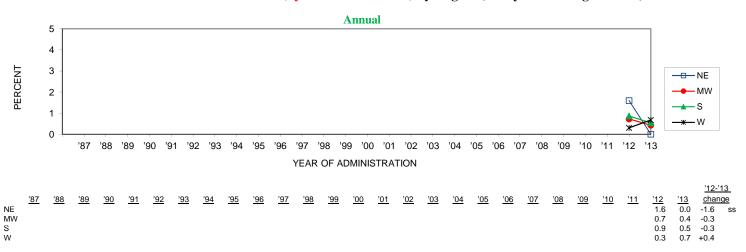
<u>'12</u> <u>'13</u> 0.0 0.5

change

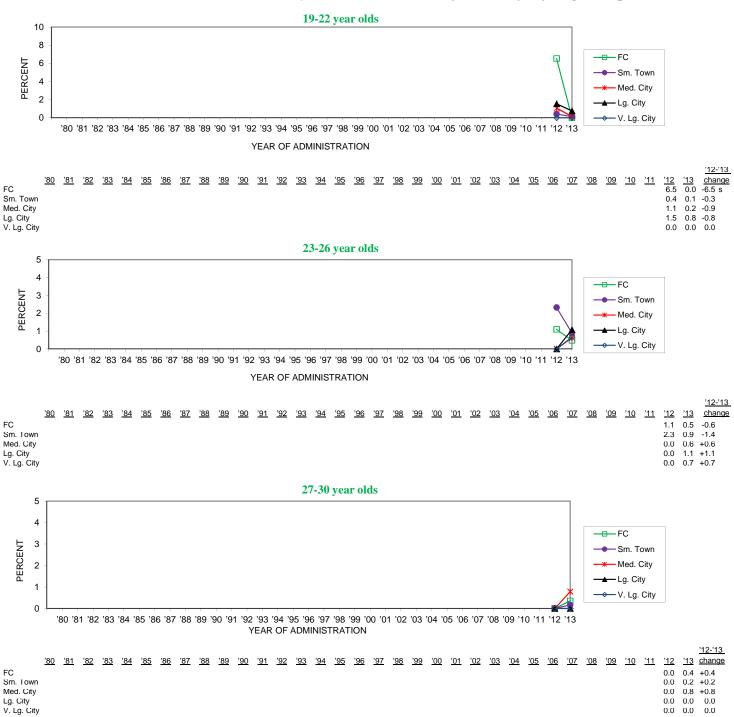
0.5

111

Trends in Use of **Bath Salts (Synthetic Stimulants)** by Region (1-10 yrs. Past High School)

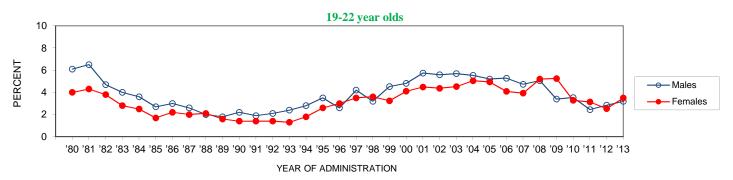


Trends in Annual Bath Salts (Synthetic Stimulants) Use by Urbanicity (4 yr. Age Groups)

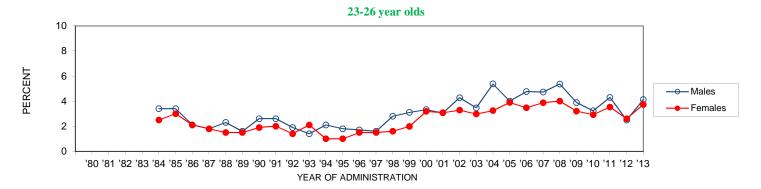


0.0 0.0 0.0

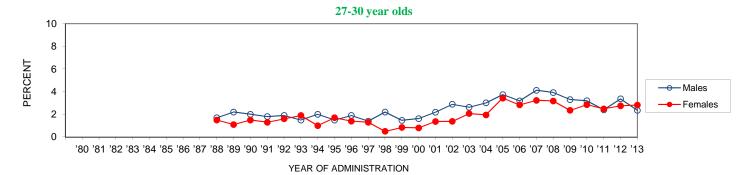
Trends in Annual Sedative (Barbiturate) Use by Gender (4 yr. Age Groupings)



'12-'13 '12 '80 '81 '87 '92 '93 '94 '95 '96 '97 '11 '13 change 2.4 1.8 1.6 2.2 5.6 4.4 5.2 4.9 6.1 6.5 3.0 2.6 2.0 2.1 3.5 4.2 3.2 2.8 3.5 3.9 4.0 2.0 2.6 3.0 3.6 2.5

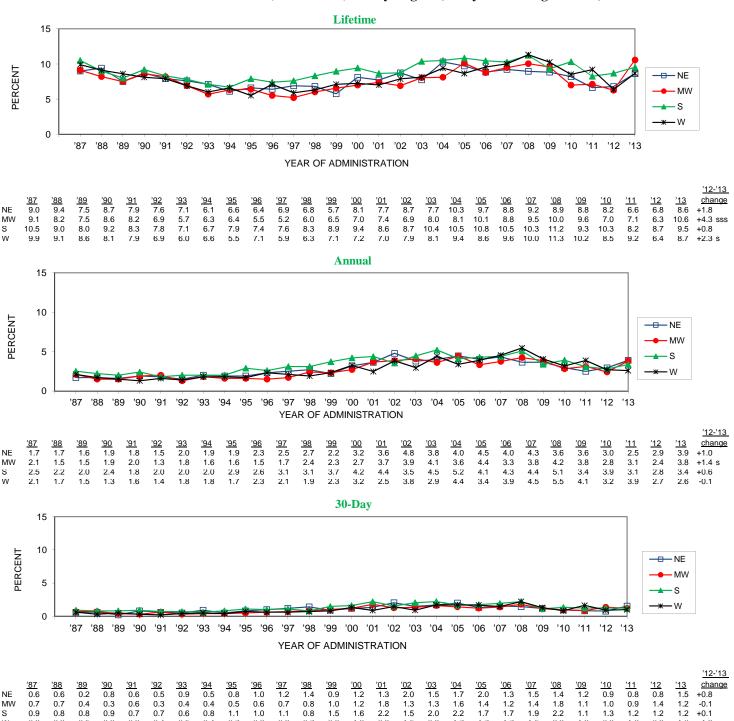


'12-'13 '93 '95 '96 '97 3.1 4.8 4.7 5.4 Males 3.4 2.1 1.8 2.3 1.6 2.6 2.6 1.9 1.4 2.1 1.8 1.7 1.6 2.8 3.3 3.1 4.3 3.5 5.4 4.0 3.9 3.2 4.3 2.5 4.1 +1.6 1.5 1.5 3.9 4.0 3.0 1.8 1.5 1.5 1.9 2.0 1.4 2.1 1.0 1.0 1.6 2.0 3.2 3.1 3.3 3.0 3.2 3.9 3.5 3.2 2.9 3.5 2.6 3.7 +1.1 Females



'12-'13 <u>'10</u> 3.2 2.9 <u>'89</u> 2.2 <u>'92</u> 1.9 1.6 <u>'93</u> 1.5 1.9 <u>'95</u> 1.5 1.7 <u>'96</u> 1.9 1.4 <u>'01</u> 2.2 1.4 <u>'02</u> 2.9 1.4 <u>'03</u> 2.6 3.0 2.0 <u>'05</u> 3.7 3.4 <u>'06</u> 3.2 2.8 3.9 3.2 <u>'13</u> 2.4 <u>'98</u> 2.2 <u>'00</u> 1.6 <u>'12</u> 3.4 change 1.8 1.3 1.4 1.3 1.5 0.8 4.1 3.2 Males 2.0 2.0 3.3 2.4 -1.0

Trends in Sedative (Barbiturate) Use by Region (1-10 yrs. Past High School)



0.9 1.4 1.2 -0.1

+0.1

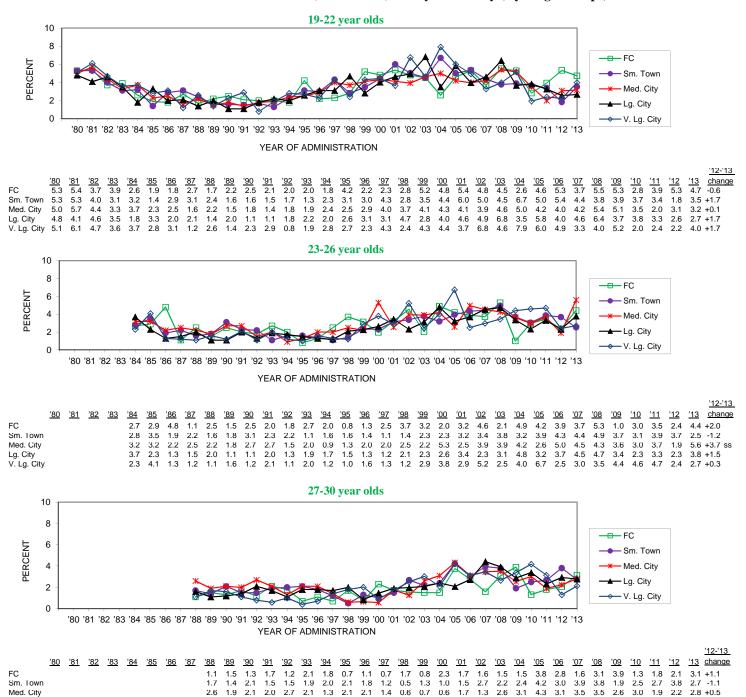
0.4 0.4 0.5 1.1 0.6

MW S

0.4 0.3

0.8 0.9

Trends in Annual Sedative (Barbiturate) Use by Urbanicity (4 yr. Age Groups)



2.0 1.8 0.9 1.5 1.9 2.0 2.1

2.0 0.9

1.7 2.5

2.4 2.1 2.1 4.2

3.0

2.7

3.9 2.9

1.4 1.1 2.1

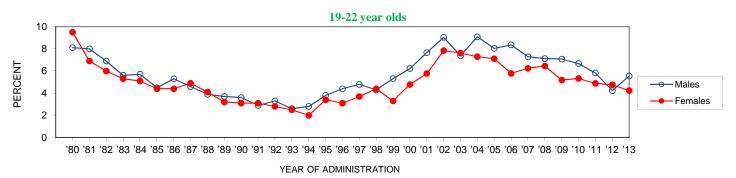
1.8 1.8 1.7

1.0 0.4 0.7 1.4

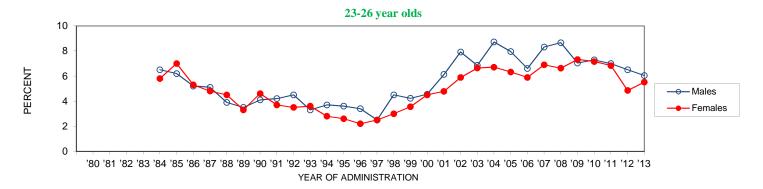
Lg. City

V. Lg. City

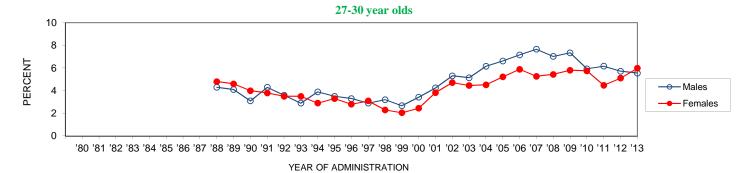
Trends in Annual Tranquilizer Use by Gender (4 yr. Age Groupings)



'12-'13 '80 '12 '81 '87 '91 '92 '93 '94 '95 '96 '97 '99 '05 '10 '11 '13 change 9.1 7.3 8.0 7.1 4.5 4.4 4.6 4.9 3.9 4.1 3.7 4.3 7.4 7.6 8.4 5.8 7.3 7.1 5.2 8.1 3.6 2.9 3.3 2.6 2.8 3.8 4.8 6.2 9.0 6.9 3.1 2.8 2.5 2.0 3.4 3.7

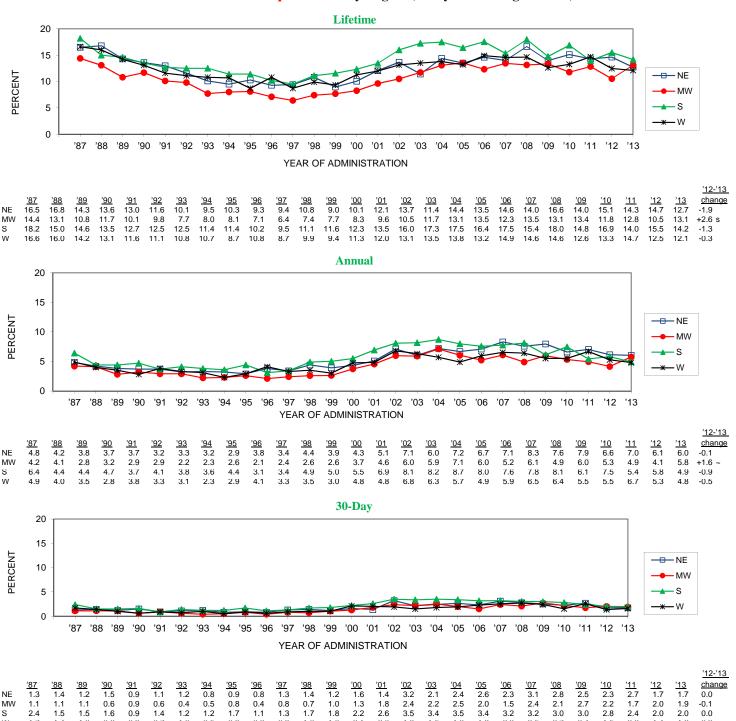


'12-'13 '93 3.5 4.2 3.7 4.2 8.7 6.6 8.7 7.0 Males 6.2 5.2 5.1 3.9 4.1 4.5 3.3 3.6 3.4 2.5 4.5 4.6 6.1 7.9 6.9 8.0 8.3 7.0 7.3 6.5 6.0 -0.5 4.5 2.2 2.5 3.6 4.5 7.2 5.8 4.8 3.3 4.6 3.7 3.5 3.6 2.8 2.6 3.0 4.8 5.9 6.6 6.7 6.3 5.9 6.9 6.6 7.3 6.8 4.9 5.5 +0.7 Females



'12-'13 <u>'08</u> 7.0 5.4 <u>'92</u> 3.6 <u>'98</u> 3.2 2.3 <u>'99</u> 2.7 2.1 <u>'00</u> 3.4 2.4 <u>'02</u> 5.3 4.7 <u>'03</u> 5.1 4.5 <u>'04</u> 6.2 4.5 <u>'05</u> 6.6 5.2 <u>'06</u> 7.2 5.9 <u>'07</u> 7.7 5.3 <u>'09</u> 7.3 5.8 <u>'10</u> 5.9 5.7 <u>'13</u> 5.5 <u>'95</u> 3.5 <u>'96</u> 3.3 <u>'01</u> 4.2 <u>'12</u> 5.7 change 3.1 4.0 Males 4.3 2.9 3.9 2.9 6.2 -0.2

Trends in Tranquilizer Use by Region (1-10 yrs. Past High School)



-0.1 0.0

2.0

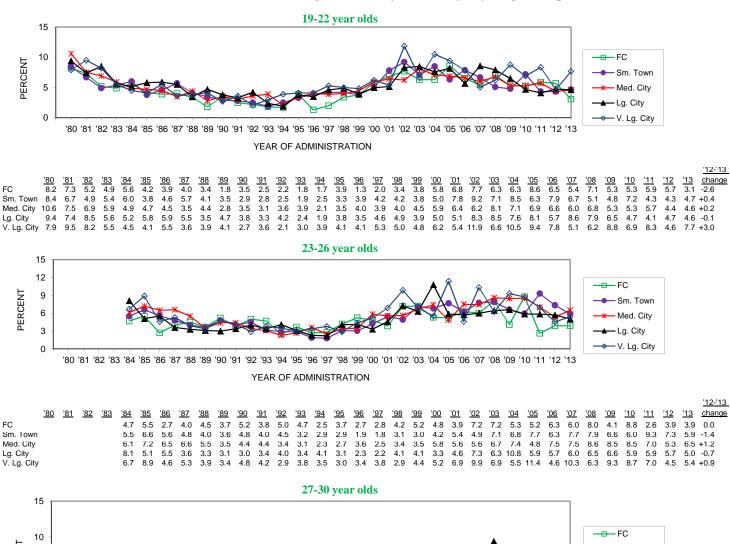
0.6

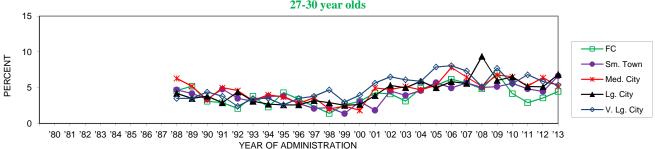
0.9

0.8 0.4 1.1

1.0

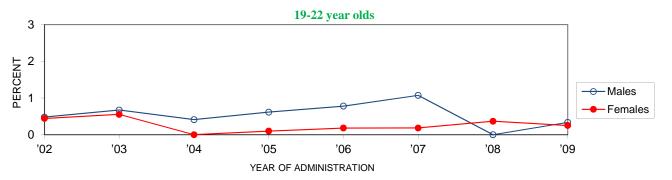
Trends in Annual Tranquilizer Use by Urbanicity (4 yr. Age Groups)



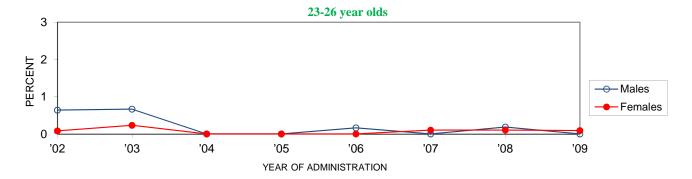


'12-'13 '13 change '92 <u>'93</u> <u>'94</u> <u>'95</u> '96 '97 '98 '99 <u>'00</u> <u>'01</u> '02 '03 '04 '05 '06 '07 '08 '09 '10 '12 FC Sm. Town 5.2 4.2 3.1 3.4 2.9 4.8 2.1 3.5 3.8 3.1 2.3 3.8 4.3 3.8 3.4 2.8 2.4 2.1 1.4 2.2 2.6 1.4 3.1 3.1 1.8 4.3 1.9 4.1 4.5 3.1 3.9 4.9 4.6 5.3 5.7 6.2 5.0 5.7 5.7 4.8 5.0 7.0 5.1 2.9 4.8 3.6 4.5 4.5 +0.9 6.6 +2.2 Med. City 4.6 4.0 3.7 2.8 3.6 2.0 2.4 5.0 4.7 5.2 4.7 5.3 7.8 6.5 6.8 Lg. City 4.4 3.1 2.7 2.6 2.6 3.2 2.9 2.5 2.6 3.9 5.3 5.0 5.9 5.0 5.8 6.0 V. Lg. City 2.6 3.5 3.8 4.7 3.0 4.0 5.6 6.5 6.1 5.9

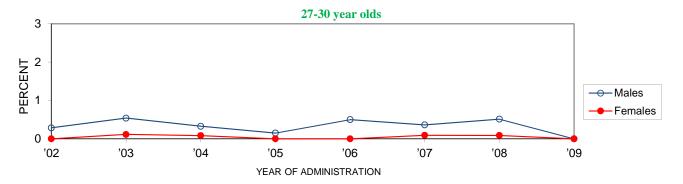
Trends in Annual Rohypnol by Gender (4 yr. Age Groupings)



'<u>02</u> 0.5 0.4 <u>'04</u> 0.4 0.0 <u>'05</u> 0.6 0.1 '<u>06</u> 0.8 0.2 <u>'07</u> 1.1 0.2 '90 <u>'91</u> <u>'01</u> <u>'03</u> 0.7 <u>'08</u> 0.0 <u>'09</u> 0.3 '88 '89 '92 '98 '99 <u>'00</u> Males Females

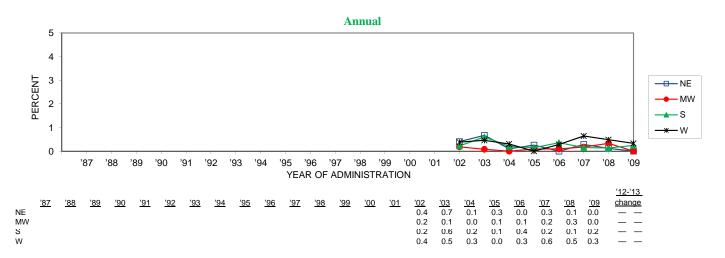


0.6 0.1 <u>'03</u> 0.7 0.2 <u>'04</u> 0.0 0.0 <u>'05</u> 0.0 0.0 <u>'07</u> 0.0 0.1 <u>'06</u> 0.2 <u>'08</u> 0.2 <u>'09</u> 0.0 <u>'87</u> '88 '89 <u>'90</u> <u>'91</u> <u>'92</u> <u>'95</u> <u>'99</u> <u>'00</u> Males 0.0 Females

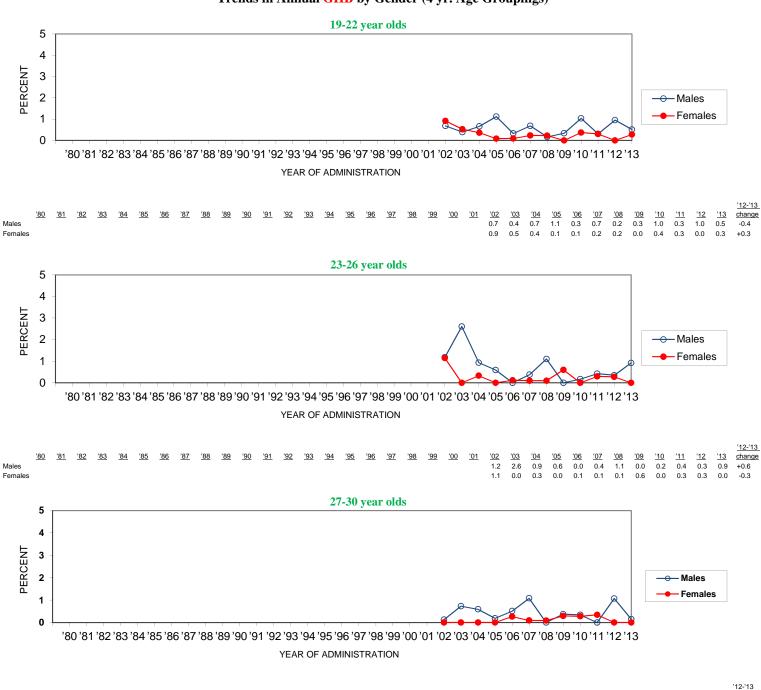


<u>'02</u> 0.3 <u>'03</u> 0.5 <u>'04</u> 0.3 <u>'05</u> 0.2 0.0 <u>'07</u> 0.4 <u>'80</u> <u>'81 '82 '83</u> <u>'87</u> <u>'88</u> '89 '90 '91 '92 '93 '94 '95 '96 <u>'97 '98 '99 '00 '01</u> <u>'06</u> 0.5 <u>'08</u> 0.5 Males 0.0 0.1 0.1 0.0 0.1

Trends in Rohypnol Use by Region (1-10 yrs. Past High School)



Trends in Annual GHB by Gender (4 yr. Age Groupings)



'93

Males

Females

'01

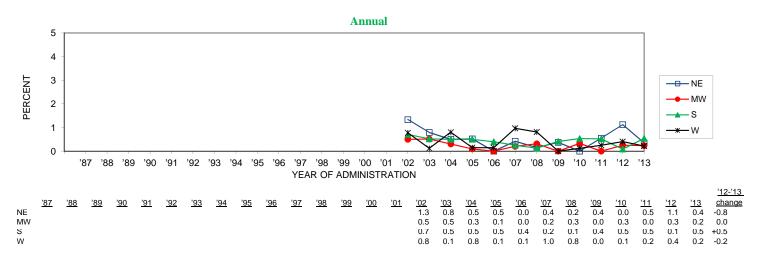
'02 '03 '04 '05 '06 '07 '08 '09 '10 '11 '12

0.0 0.0 0.0 0.0 0.3 0.1 0.1 0.3 0.3 0.3 0.0 0.0 0.0

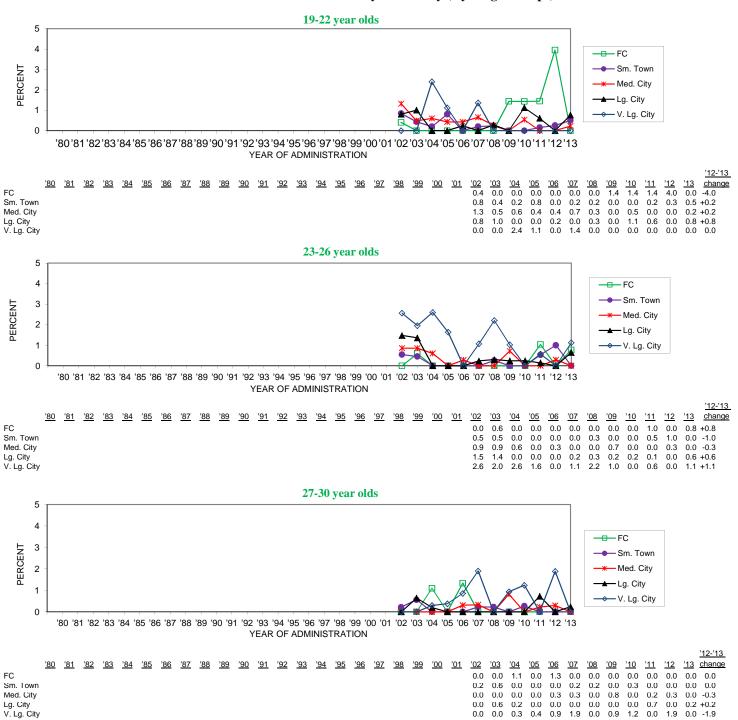
0.7 0.6 0.2 0.5 1.1 0.0 0.4 0.3 0.0 1.1 0.2 -0.9

'13 change

Trends in GHB Use by Region (1-10 yrs. Past High School)



Trends in Annual GHB Use by Urbanicity (4 yr. Age Groups)



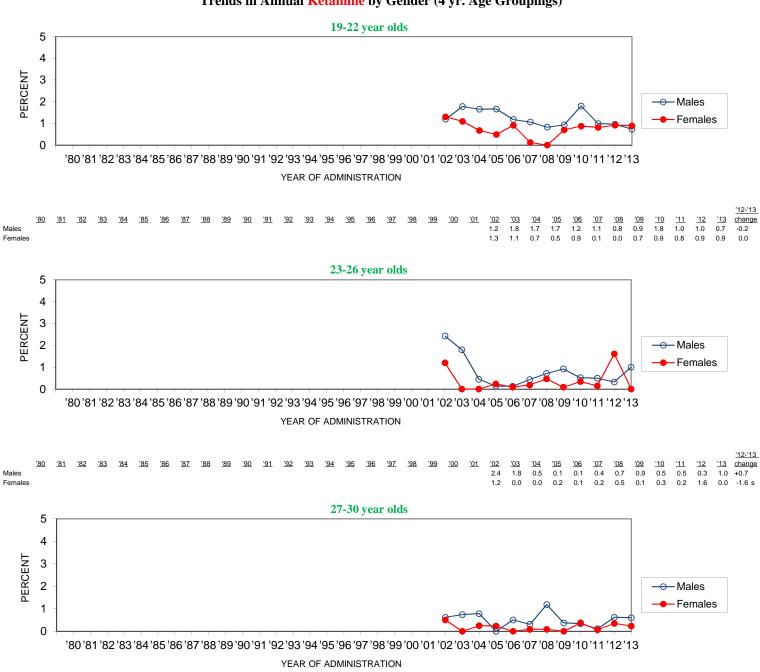
0.4 0.9 1.9 0.0 0.9

0.0

0.0 -1.9

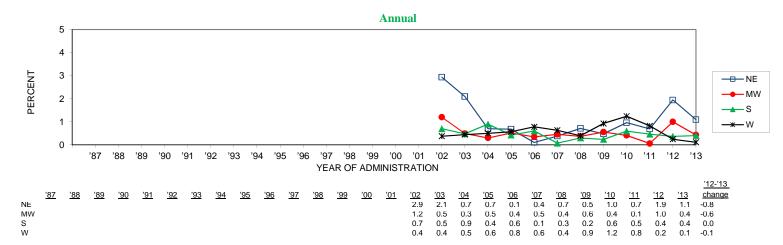
1.2

Trends in Annual Ketamine by Gender (4 yr. Age Groupings)

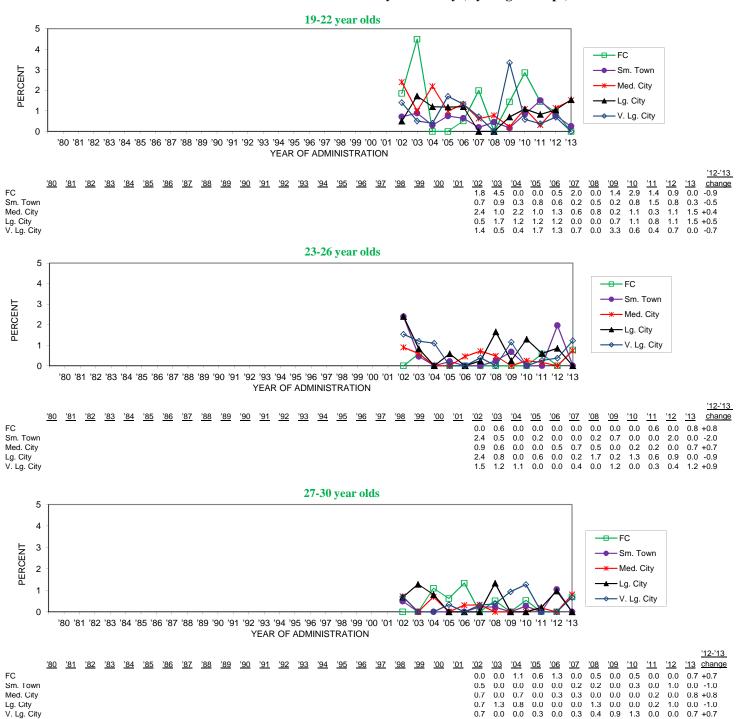


																																			'12-'13
	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	13	change
Males																							0.6	0.7	0.8	0.0	0.5	0.3	1.2	0.4	0.3	0.1	0.6	0.6	0.0
Females																							0.5	0.0	0.2	0.2	0.0	0.1	0.1	0.0	0.4	0.1	0.4	0.2	-0.1

Trends in Ketamine Use by Region (1-10 yrs. Past High School)



Trends in Annual Ketamine Use by Urbanicity (4 yr. Age Groups)



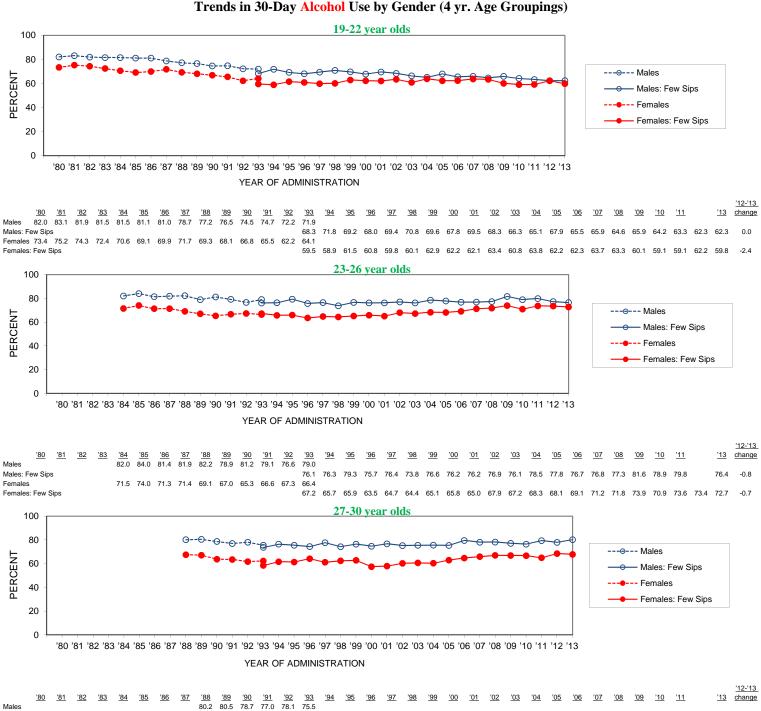
0.0

0.3 0.0

0.4 0.9 1.3

0.3

Trends in 30-Day Alcohol Use by Gender (4 yr. Age Groupings)



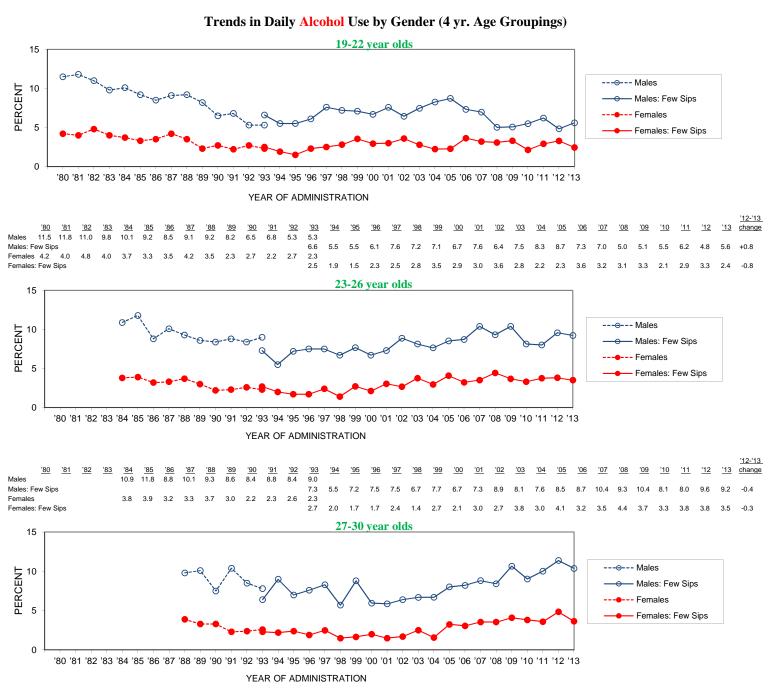
67.6 67.2 63.8 63.5 61.8 62.3

Males: Few Sips

Females

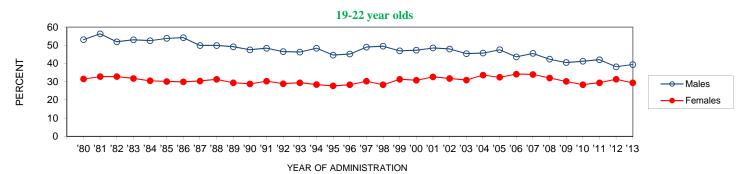
73.7 76.4 75.5 74.4 77.7 74.3 76.5 74.7 76.8 75.3 75.5 75.6 75.4 79.6 78.1 78.3 77.1 76.5 79.4

80.3 +2.3

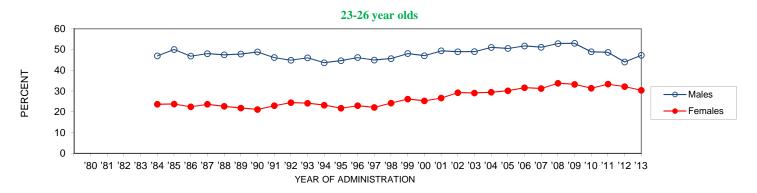


	<u>'80</u>	<u>'81</u>	'82	'83	<u>'84</u>	<u>'85</u>	'86	<u>'87</u>	'88	'89	<u>'90</u>	<u>'91</u>	'92	<u>'93</u>	'94	<u>'95</u>	<u>'96</u>	'97	<u>'98</u>	'99	<u>'00</u>	<u>'01</u>	'02	<u>'03</u>	<u>'04</u>	<u>'05</u>	<u>'06</u>	<u>'07</u>	'08	<u>'09</u>	<u>'10</u>	<u>'11</u>	<u>'12</u>	<u>'13</u>	'12-'13 change
Males									9.8	10.1	7.5	10.4	8.5	7.8																					
Males: F	ew Sip	s												6.4	9.0	7.0	7.6	8.3	5.7	8.8	6.0	5.9	6.4	6.7	6.7	8.0	8.2	8.8	8.4	10.7	9.0	10.0	11.4	10.4	-1.0
Females									3.9	3.3	3.3	2.3	2.4	2.6																					
Eomolog	· Eou (Pino												22	22	2.4	1.0	2 5	1 5	17	2.0	1 5	17	2 5	16	22	2.1	26	2 5	11	20	26	40	26	1 2

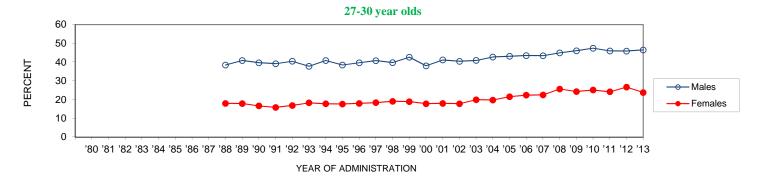
Trends in Two-Week Binge Drinking by Gender (4 yr. Age Groupings)



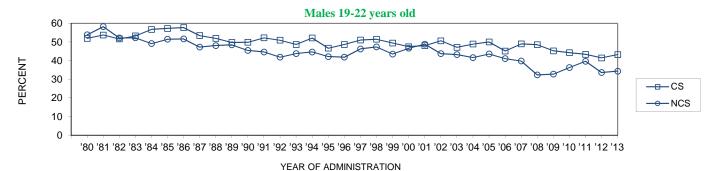
'12-'13 '10 '11 '12 '80 '81 '82 '83 '84 '85 '86 '87 '88 '89 '90 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 '13 change 53.1 56.3 51.9 53.0 52.5 53.8 54.2 49.9 49.9 49.2 47.5 48.4 46.5 46.3 48.4 44.6 45.2 49.0 49.5 46.9 47.3 48.5 47.9 45.4 45.7 47.6 43.6 45.5 42.4 40.5 41.2 42.0 38.2 31.5 32.8 32.8 31.8 30.5 30.1 29.9 30.4 31.3 29.4 28.8 30.3 28.9 29.4 28.4 27.7 28.3 30.3 28.3 31.3 30.8 32.6 31.7 30.9 33.6 32.4 34.2 34.0 32.1 30.2 28.3 29.4 31.4 29.4



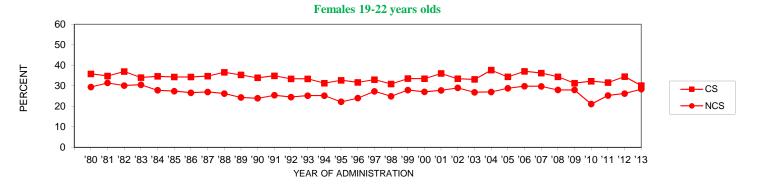
| 1/2 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3 | 1/3



Trends in Two-Week Binge Drinking by College Student Status (by Gender)

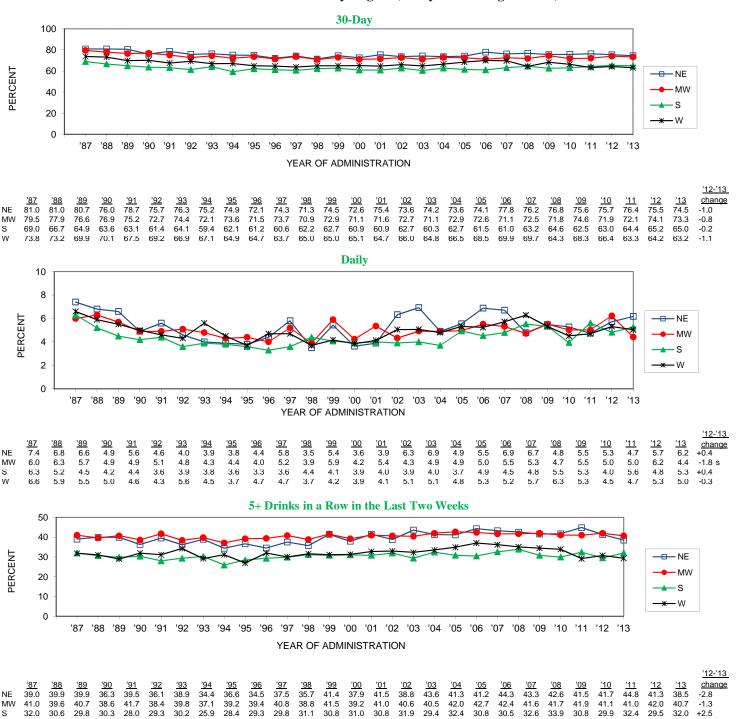


'12-'13 '80 '09 '10 '11 '12 '81 '82 '83 '84 '85 '86 '87 '88 '89 '90 '91 '92 '93 '94 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '13 change 52.0 53.8 51.7 53.3 56.8 57.3 57.8 53.5 52.0 49.8 49.9 52.3 51.0 48.7 52.2 46.7 48.7 51.1 51.5 49.5 47.5 48.1 50.7 47.2 48.9 50.1 45.2 49.0 48.6 45.3 44.3 43.4 41.5 43.3 NCS 53.9



| 12-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-13 | 13-1

Trends in Alcohol Use by Region (1-10 yrs. Past High School)



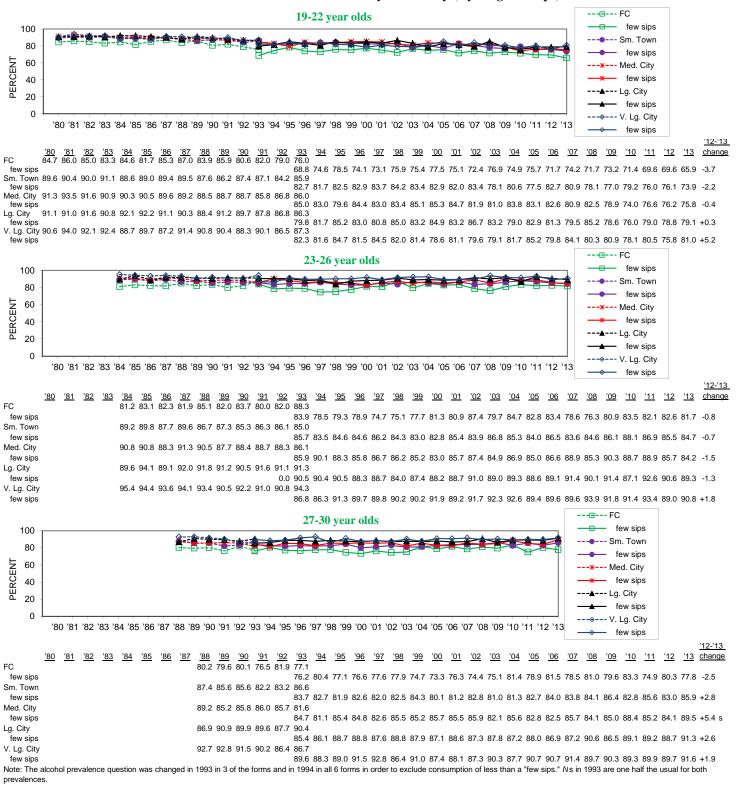
31.3

32.7 33.0

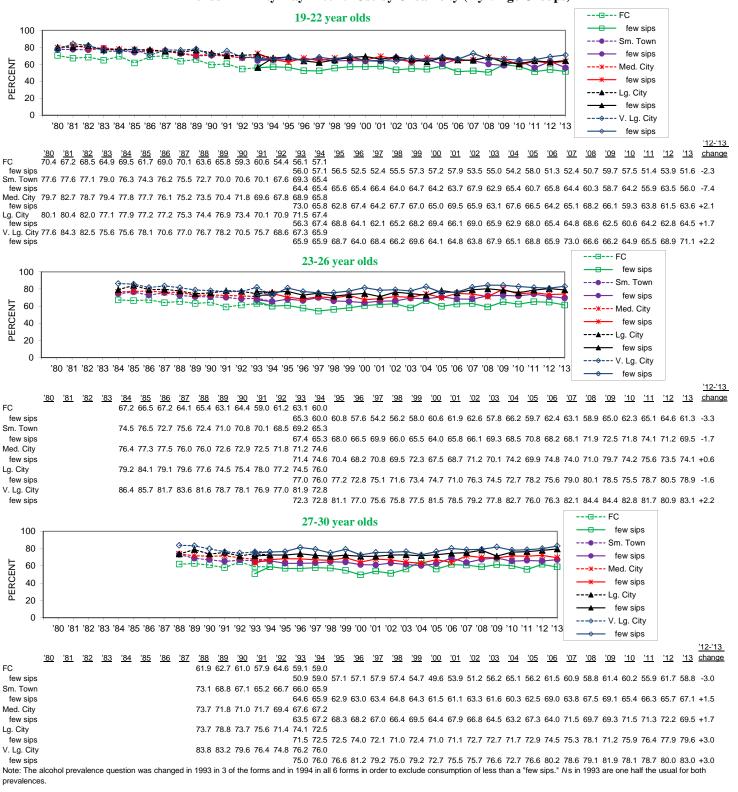
31.6

26.9

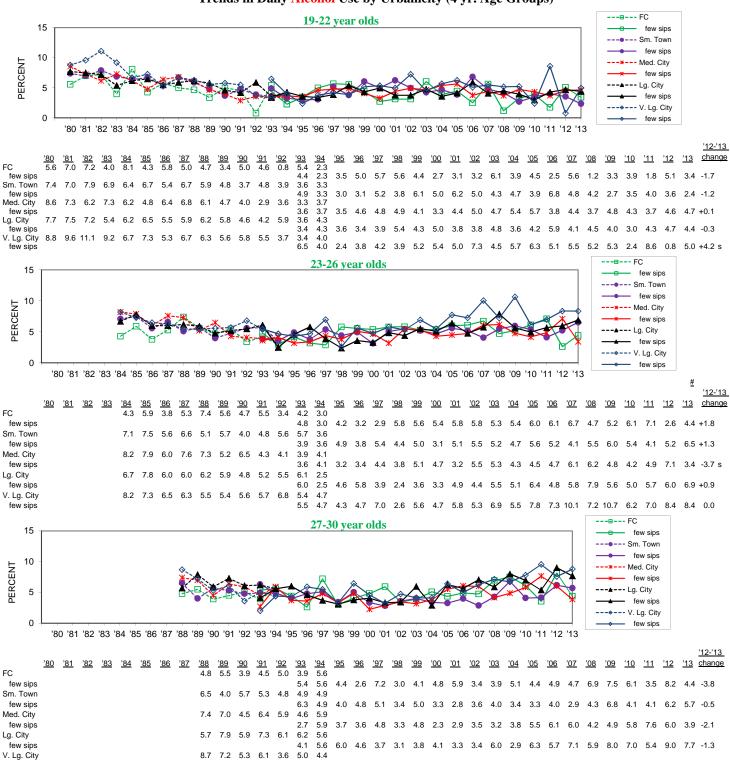
Trends in Annual Alcohol Use by Urbanicity (4 yr. Age Groups)



Trends in Thirty-Day Alcohol Use by Urbanicity (4 yr. Age Groups)



Trends in Daily Alcohol Use by Urbanicity (4 yr. Age Groups)



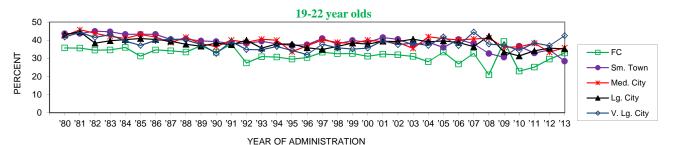
Note: The alcohol prevalence question was changed in 1993 in 3 of the forms and in 1994 in all 6 forms in order to exclude consumption of less than a "few sips." Ns in 1993 are one half the usual for both

few sips

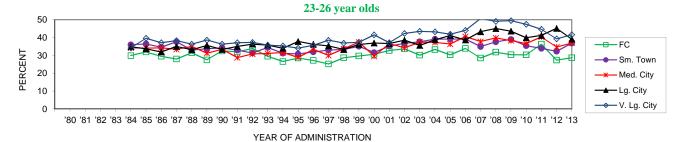
prevalences.

2.0 4.4 4.3 5.9 5.5 3.3 6.5 4.6 3.2 4.7 4.1 4.1 6.4 5.0 6.3 7.1 6.7 7.8 9.5 7.6 8.8 +1.2

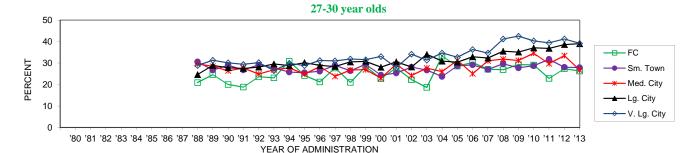
Trends in **Binge Drinking** by Urbanicity (4 yr. Age Groups)



| 12-13 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-14 | 13-1

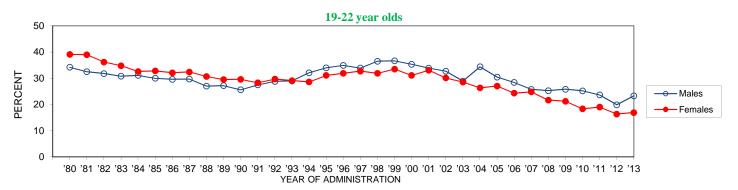


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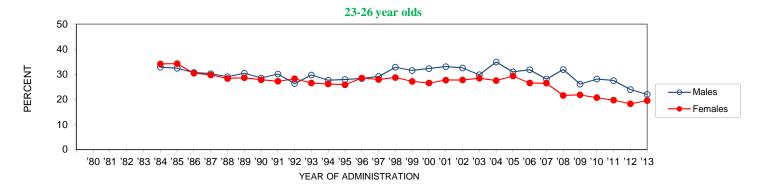


'12-'13 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 '12 '13 change FC Sm. Town 20.9 24.6 20.0 18.8 23.6 23.1 30.8 24.2 21.2 27.7 21.0 28.4 22.7 27.7 22.3 18.6 33.2 28.6 30.2 27.1 26.9 29.3 29.1 22.8 27.3 26.3 30.6 26.7 29.0 26.8 29.1 27.7 25.8 25.5 26.2 29.0 26.4 29.4 24.4 25.4 28.1 26.7 23.7 28.7 29.1 27.0 29.6 27.8 28.7 31.8 28.0 27.9 -0.1 Med. City 29.6 28.5 26.4 27.6 24.9 26.9 27.7 24.9 28.3 23.8 26.7 27.0 22.9 29.5 24.2 27.7 26.0 31.2 25.0 31.0 31.8 31.2 34.6 29.7 33.5 26.7 -6.7 s Lg. City +0.4 V. Lg. City 28.9 31.3 30.1 29.4 30.2 26.5 29.9 28.8 31.2 31.0 31.9 31.6 33.1 27.8 34.1 31.4 34.7 32.7 36.3 34.7 41.2 42.5 40.3 39.4 41.2 39.2 -2.0

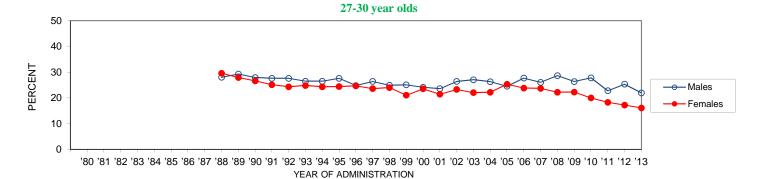
Trends in 30-Day Cigarette Smoking by Gender (4 yr. Age Groupings)



'12-'13 '92 '93 '96 '97 '12 '80 '81 '82 '83 '84 '85 '86 '87 '88 '89 '90 '91 '94 '95 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 '10 '11 '13 change 30.0 29.6 27.0 27.2 36.5 32.7 34.4 28.4 23.7 34.2 29.7 25.6 27.5 28.8 29.0 32.1 34.9 33.9 35.3 33.9 28.9 30.5 25.8 25.3 25.8 25.2 19.9 23.3 32.4 30.7 29.5 29.6 28.3 29.7 29.1 28.6 31.1 31.9 32.7 31.9 33.5 31.1 33.1 30.1 28.6 26.3 27.0 24.3 24.8 21.7 21.2 18.3 19.0 16.4 16.9 +0.5

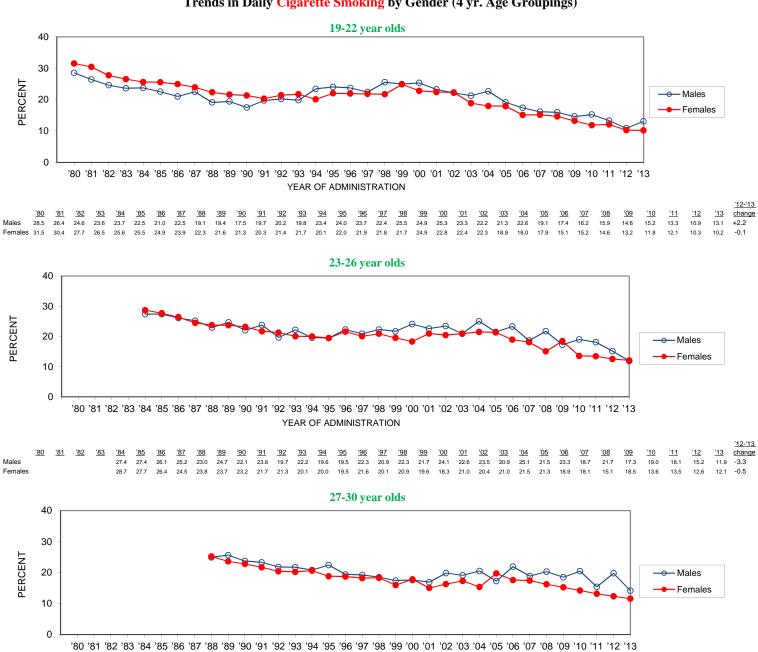


'12-'13 <u>'84</u> '87 '88 '89 '93 '95 '96 '97 '98 '08 '09 <u>'10</u> <u>'11</u> change Males 32.4 30.7 30.2 29.0 30.4 28.5 30.1 26.3 29.7 27.6 27.9 28.3 29.1 32.8 31.5 32.3 33.0 32.5 29.8 34.9 31.0 31.8 28.1 31.9 26.1 28.1 27.5 23.9 22.0 -2.0 29.7 27.2 28.5 27.9 28.7 26.5 27.7 26.4 21.5 21.8 19.5 +1.2 Females 34.2 30.4 28.3 28.6 27.8 28.2 26.5 26.1 25.8 27.2 27.7 28.4 27.5 29.3 26.5 20.7 19.7 18.2



'12-'13 <u>'95</u> 27.6 <u>'06</u> 27.7 <u>'88</u> <u>'89</u> '92 <u>'93</u> <u>'96</u> '97 '98 '99 <u>'00</u> <u>'01</u> '02 <u>'03</u> <u>'05</u> <u>'07</u> <u>'08</u> '09 <u>'10</u> <u>'11</u> '13 change Males 28.0 29.3 27.9 27.6 27.6 26.5 26.5 24.8 26.4 24.9 25.1 24.1 23.6 26.4 27.0 26.3 24.5 26.0 28.7 26.3 27.8 22.8 25.3 22.0 -3.4

Trends in Daily Cigarette Smoking by Gender (4 yr. Age Groupings)

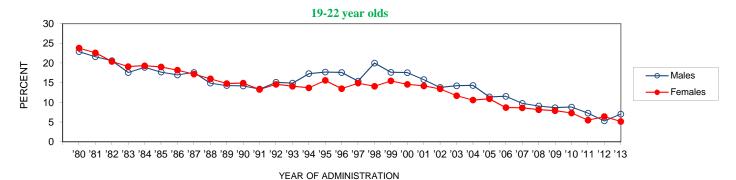


21.7 20.4 20.2 20.6

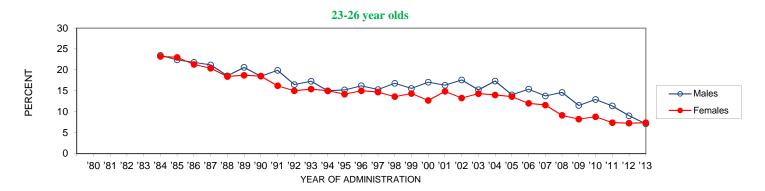
18.8 18.7 18.2 18.3 16.0 17.8 15.0 16.3 17.3 15.4 19.7 17.6 17.4 16.2 15.2 14.2 13.2 12.3 11.6 -0.7

Females

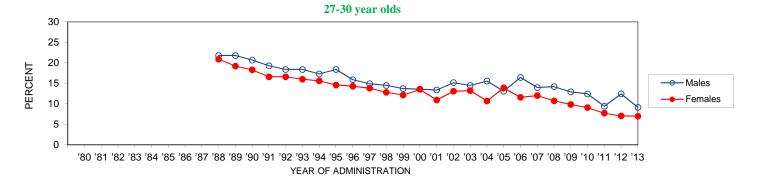
Trends in Daily Half Pack or More Cigarette Smoking by Gender (4 yr. Age Groupings)



12-13 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 100 11 102 103 104 105 106 107 108 109 110 111 12 13 change Males 22.9 21.6 20.6 17.6 18.9 17.7 17.0 17.6 18.9 18.7 17.0 18.0 18.2 18.3 14.2 18.3 14.2 18.3 14.2 18.3 14.5 18.9 18.3 14.6 14.1 13.7 15.6 13.5 14.9 14.1 15.5 14.6 14.2 13.4 11.7 10.6 10.9 18.7 18.6 18.1 7.9 7.3 5.5 6.4 5.2 -1.3

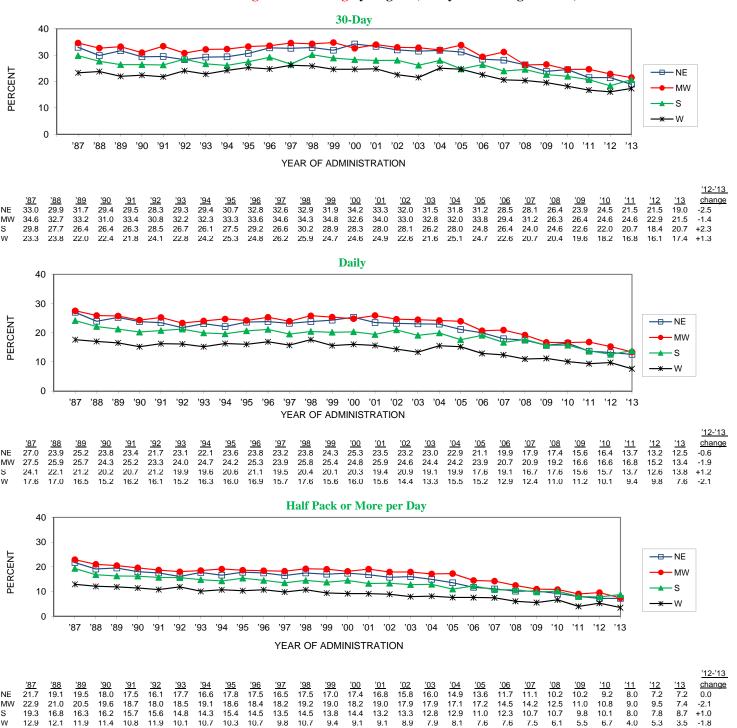


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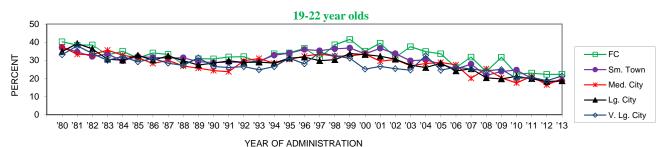


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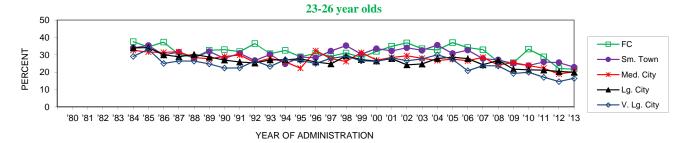
Trends in Cigarette Smoking by Region (1-10 yrs. Past High School)



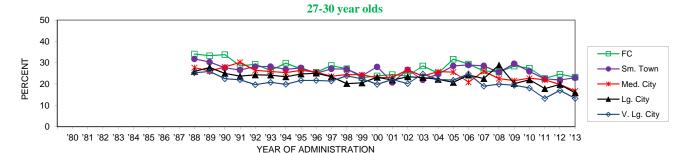
Trends in Thirty-Day Cigarette Smoking by Urbanicity (4 yr. Age Groups)



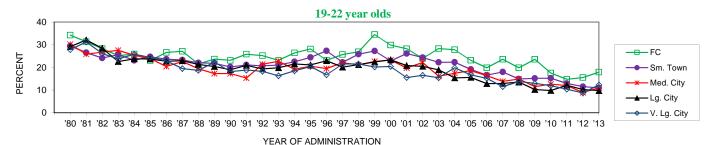
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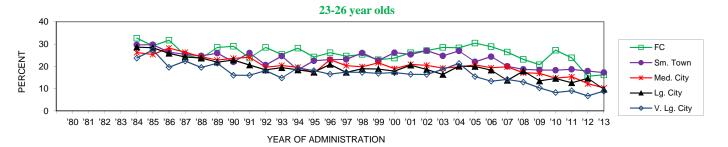


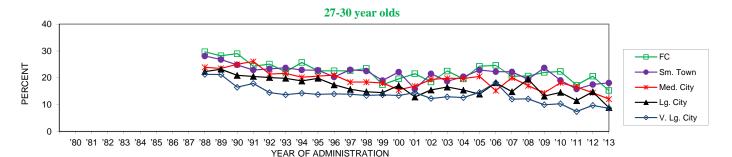
FC
Sm. 10m
Med. City
Lg. City



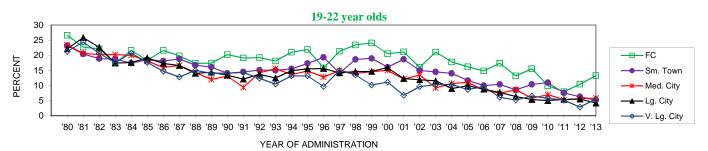
Trends in Daily Cigarette Smoking by Urbanicity (4 yr. Age Groups)

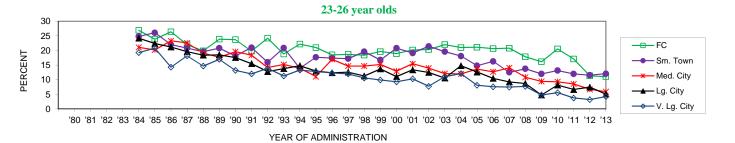




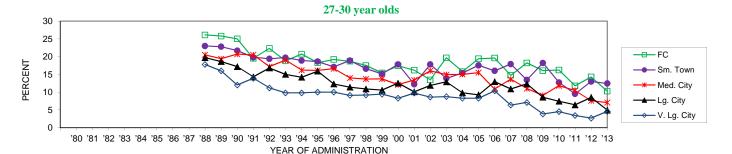


Trends in Half Pack or More Daily Cigarette Smoking by Urbanicity (4 yr. Age Groups)





81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06 07 08 09 10 11 12 26.9 23.9 26.4 22.0 19.9 23.9 23.7 19.8 24.2 18.8 22.2 21.0 18.5 18.7 18.4 19.6 18.9 20.2 20.3 22.0 21.0 21.1 20.6 20.8 17.9 16.2 20.5 17.1 11.3 11.1 FC Sm. Town 24.8 26.1 22.0 20.8 19.6 20.8 18.1 21.0 16.0 20.9 13.9 17.7 17.4 17.2 19.6 16.8 20.8 19.1 21.4 19.6 18.1 14.8 16.3 12.6 13.7 12.0 13.2 12.0 11.6 12.1 +0.5 21.1 20.2 23.3 22.6 19.1 17.7 19.6 18.4 14.2 15.2 13.9 11.1 17.0 14.7 14.7 15.2 12.9 15.5 14.0 12.1 12.0 13.6 12.7 14.1 10.8 24.2 22.4 21.2 19.6 18.4 18.5 17.6 15.5 12.8 13.8 14.8 13.0 12.4 12.6 11.3 13.7 11.1 13.4 12.5 10.6 14.8 12.6 10.5 9.2 8.7 8.5 6.7 Med. City 9.4 9.3 6.7 7.5 5.1 -2.4 Lg. City 4.8 8.2 V. Lg. City 19.3 20.8 14.3 18.2 14.7 17.0 13.2 12.0 13.9 11.3 13.3 12.8 12.3 12.0 10.6 9.9 9.3 10.3 7.8 11.0 12.1 8.1 7.6



FC Sm. Iown Med. City Lg. City